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FOOD FISH MARKET REVIEW AND OUTLOOK

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SUMMARY

Consumption of fish sticks; fillets of cod, turbot, and ocean perch; halibut; canned sardines; and canned tuna was down from a year earlier in 1977. Consumption of fish portions, and flounder and haddock fillets increased slightly. Only consumption of canned salmon increased significantly. Although consumption was generally lower, prices rose during the year and were at or near record levels in December 1977. Sales of sticks and portions, and cod fillets were unchanged in the first half, but were lower in the second half. The decline in consumption of ocean perch fillets was caused by lower catch and imports from Canada. Halibut supplies were limited by the resource. Consumption of canned tuna was lower, because of reduced supplies and higher prices caused by the 2-month layoff in fishing.

Prices of finfish products continued to rise; they hit record levels in 1977. At the wholesale level, cod portion prices were 30 percent above 1976; cod fillet prices were up 27 percent; and other groundfish fillets increased about 10 percent. Canned tuna prices were 15 to 26 percent higher, while prices of Maine canned sardines were 9 percent higher. Canned salmon prices were mixed: red salmon prices were higher, but pink and chum salmon prices were off slightly. Retail prices also reached record levels.

Supplies of finfish products, except for ocean perch fillets, halibut, and canned tuna, were nearly the same or greater than in 1976. Although groundfish landings were about one-third greater than a year earlier, halibut landings were 12 percent lower and tuna receipts were 28 percent below 1976. Tuna receipts were lower primarily because of a 2-month layoff from fishing brought about by the dispute over the 1977 porpoise quota. This also resulted in an increase in imports of raw tuna. Production of canned salmon in 1977 of 3.1 million standard cases surpassed the 1968-72 average pack.

The export market for fresh and frozen salmon in 1977 was very active. Larger purchases by the Japanese were the principal cause, and occurred when Japanese fishermen were excluded from the Soviet Union's 200-mile exclusive fishing zone.

In 1978, supplies of most finfish products, except halibut and canned sardines, should be the same or slightly greater than in 1977. Landings and imports will begin to increase seasonally in the spring. Imports of groundfish products from major suppliers can be expected to increase to meet greater demand for these products. Imports of Alaska pollock from the Republic of Korea will be lower, because extended jurisdiction has reduced or eliminated foreign fishing in the Bering Sea. Supplies of halibut will be limited by the low resource. Supplies of canned tuna and salmon should improve over 1977, and supplies of canned sardines are likely to be lower in 1978.

Demand is expected to remain good for most finfish products and to improve for some products in 1978. Increases in prices are likely to slow, although some increases are expected, because of higher costs of production and marketing. However, stiffer resistance to record finfish prices and greater competition from lower pork and poultry prices preclude any sharp increases. Lower production and higher prices are expected for beef.

Note: This report is based in part on preliminary data for the year 1977. Revised data will be published in Fisheries of the United States, 1977 in May 1978 and in the next issue of the Food Fish report.

REVIEW AND OUTLOOK

FISH BLOCKS, STICKS AND PORTIONS

STICKS AND PORTIONS

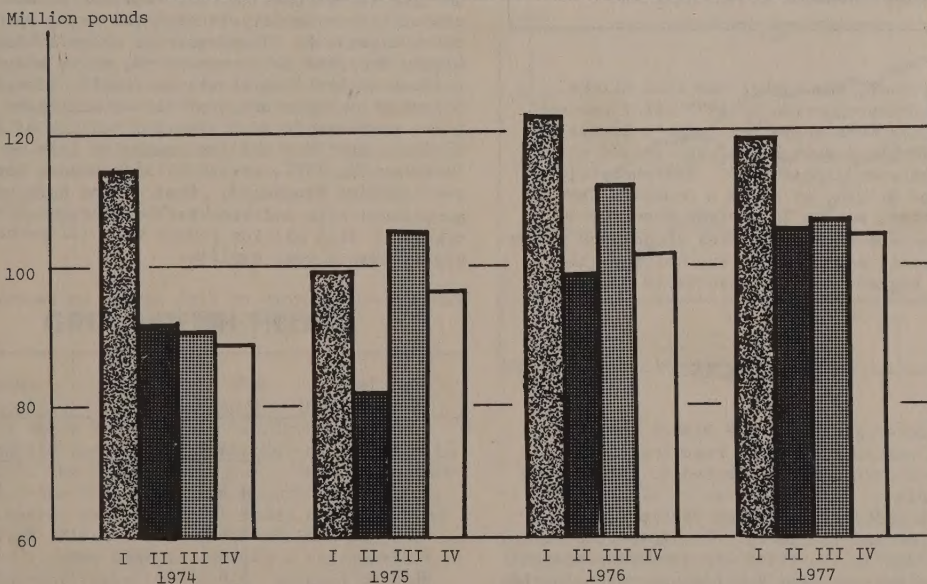
Consumption of fish sticks and portions increased in the fourth quarter of 1977 from a year earlier. This increase caused the annual consumption figures to be virtually the same as a year earlier. Apparently, record high prices for sticks and portions have not greatly affected demand. However, there was a substantial increase in inventories of blocks, the raw material for production of sticks and portions.

Consumption of sticks and portions was a record 439 million pounds during 1977 compared to 438 million pounds a year earlier (table 1). Sales did not grow as much as in 1976 (fig. 1). However, consumption of 105.8 million pounds in the fourth quarter was 3 percent above 1976, and was 11 percent above the 1972-76 average for the fourth quarter.

Table 1.--Supply and utilization of fish sticks and portions, January-December 1976-77

Component	1976	1977	Change
	:- Million pounds-		:- Percent-
Beginning inventory	35.3	31.1	- 12
Production			
Sticks	93.4	87.0	- 7
Portions	340.1	350.8	+ 3
Total	433.5	437.8	+ 1
Imports	.6	.6	-
Total supply	469.4	469.4	-
Ending inventory	31.1	30.5	- 2
Apparent consumption	438.3	438.9	-

CONSUMPTION OF FISH STICKS AND PORTIONS, BY QUARTERS, 1974-77



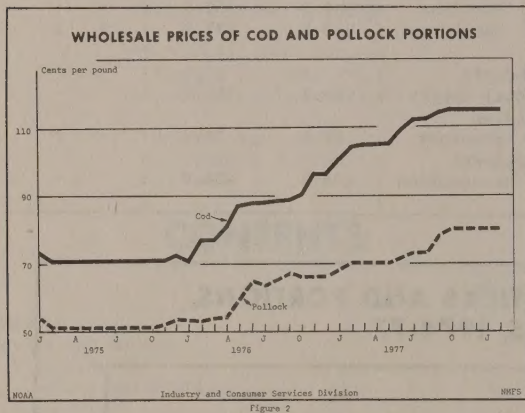
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Figure 1

The strength in the market for portions is also suggested by the higher production of portions in 1977. Production of portions was 351 million pounds, 3 percent above a year earlier. Since portions are marketed primarily by the fast food segment of the food service industry, that 3-percent increase in production of portions in 1977 was in line with restaurant sales, which were about 10.5 percent above 1976, as restaurant prices were 7.6 percent higher. One factor in the slower growth (compared to the previous year) has been the record wholesale prices of cod portions. Prices of raw breaded cod portions climbed to a record \$1.15 a pound in September 1977, 30 percent above a year earlier (fig. 2).



In contrast, the market for fish sticks declined, with production in 1977 off 7 percent. Because prices were above last year's levels, it is believed that a switch to lower priced sticks prevented an even larger drop. The wholesale price of cod sticks, at \$1.17 a pound in the fourth quarter, was up 22 percent from a year earlier--increases in the prices of pollock sticks (up 25 percent) were greater and whiting sticks (6 percent higher) were substantially less.

FISH BLOCKS

The slower growth in the market for fish sticks and portions caused a reaction in the market for blocks and contributed to the buildup of inventories. While supplies of blocks were down only 2 percent from 1976, disappearance dropped 5 percent (table 2). The 23-percent drop in block usage in the third quarter was responsible for the overall decline, because usage in the first half and fourth quarter was equal to that of a year earlier. Inventories on December 31, 1977, were 20 percent higher than a year earlier and 2 percent below the most recent 5-year average.

Table 2.--Supply and utilization of fish blocks, January-December 1976-77

Component	1976	1977	Change
	- Million pounds-	-	- Percent-
Beginning inventory	79.0	61.1	- 23
Production	2.7	4.6	+ 70
Imports	378.7	385.1	+ 2
Total supply	460.4	450.8	- 2
Ending inventory	61.1	73.2	+ 20
Disappearance	399.3	377.6	- 5

Supplies of blocks in 1977 were 451 million pounds, down 2 percent from 1976. Record imports during 1977 could not offset lower beginning inventories. Although imports of blocks of 194 million pounds in the second half were 5 percent below the quantity received a year earlier, the 1977 total of 385 million pounds was 2 percent above 1976. Cod blocks continue to dominate the import market with 53 percent of the total, and pollock was next with 22 percent.

While total disappearance of blocks in 1977 declined 5 percent from 1976, usage dropped sharply in the third quarter. The third-quarter decline (23-percent) of 23.9 million pounds was associated primarily with the two major species, cod and pollock. Third-quarter usage of cod blocks declined about one-third, while usage of pollock blocks fell about one-fourth. The combination of lower usage of blocks and heavy imports resulted in a substantial buildup of inventories. The 73.2 million pounds on hand on December 31, 1977, was 12 million pounds above a year earlier (table 3). Most of the gain was associated with cod blocks--the year-end inventories of 36.5 million pounds were 152 percent higher than a year earlier.

Table 3.--Inventory of fish blocks on December 31, 1976-77, by species

Species	1976	1977	Change
	- Million pounds-	-	- Percent-
Cod	14.5	36.5	+ 152
Flounder	4.7	2.8	- 40
Haddock	2.4	8.0	+ 233
Pollock	15.7	11.1	- 29
Whiting	5.6	3.3	- 41
Minced	7.9	4.7	- 41
Other	10.2	6.8	- 33
Total	61.1	73.2	+ 20

OUTLOOK

Sales of fish sticks and portions are likely to be slightly greater than year-earlier levels in the first half of 1978. The continued growth in sales of battered sticks and portions indicates market strength both at retail and in the food service trade. In addition, major fast food chains have pursued a policy for growth by adding new units, and this growth will require additional supplies. On the opposite side, the higher prices have led to increased competition with meat and poultry products. Also, some hamburger chains desiring to add fish to their menus have had problems in maintaining sales of fish, and some new units specializing in fish have not been able to show a profit and many have been discontinued.

Prices of sticks and portions are expected to be generally stable in the first half of 1978. The large inventory of blocks at the beginning of 1978 and imports should be sufficient to provide the needs of producers of sticks and portions. Holdings of blocks on January 1, 1978, were 73 million pounds, 20 percent above stocks on hand a year earlier.

The record high prices of sticks and portions are expected to be less of a damper on sales in the first half of 1978 than in 1977 because of anticipated increases in prices of beef. The U.S. Department of Agriculture believes that beef production will drop 2 to 5 percent, primarily because of lower supplies of grass-fed cattle. This could lead to an increase of 16 percent or more in the price of hamburger in 1978, and should aid sales of sticks and portions. Increases in prices of grain-fed beef are anticipated to be about 6 percent. However, pork prices are likely to fall substantially in 1978 because of increased production. The price of broilers is also expected to be lower, because of larger production and lower feed costs.

GROUNDFISH FILLETS

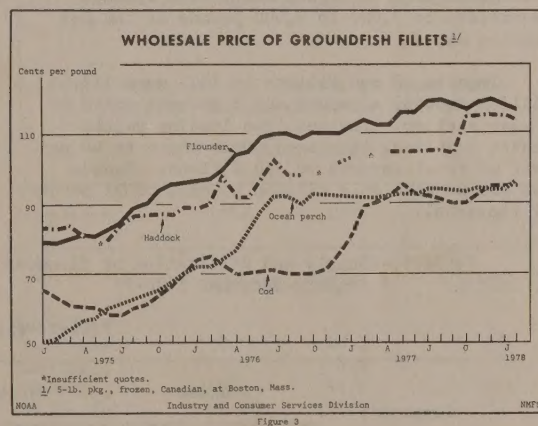
Supplies of major groundfish in 1977 were slightly above year-earlier levels. Improved landings and beginning inventories contributed to the slight increase in supplies. Cod and haddock accounted for the 29-percent growth in landings. Total imports were 5 percent lower. Supplies of groundfish fillets totaled 428 million pounds, 0.3 percent more than in 1976, and consumption was 2 percent lower (table 4). Reduced consumption of cod, turbot, and ocean perch fillets was responsible for the 2-percent decline in the total consumption of fillets. Consumption of flounder and haddock fillets increased. Because total consumption of groundfish fillets dropped while supplies increased, inventories were 19 percent

greater on December 31, 1977, than a year earlier; furthermore, wholesale prices of most fillets either remained steady or weakened slightly in the second half (fig. 3).

Table 4.--Supply and utilization of groundfish fillets, January-December 1976-77

(Fillet weight)			
Component	1976	1977	Change
-- Million pounds --			
Beginning inventory	51.9	53.2	+ 2
Landings	54.6	70.7	+ 29
Imports	319.9	303.9	- 5
Total supply	426.4	427.8	--
Ending inventory	53.2	63.3	+ 19
Apparent consumption	373.2	364.5	- 2

Note: Includes cod, flounder, haddock, ocean perch, and turbot.



COD

The market for cod fillets weakened in the fourth quarter of 1977 after strengthening slightly in the third quarter. Consumption declined 4 percent to 136.6 million pounds in 1977 from a year earlier (table 5). Higher landings and imports offset lower beginning inventories and led to a large accumulation of inventories during the third quarter. A record 29.5 million pounds were in storage on September 30, 1977, one-third more than a year earlier.

Table 5.--Supply and utilization of cod fillets,
January-December 1976-77
(Fillet weight)

Component	1976	1977	Change
Beginning inventory	21.7	16.2	- 25
Landings	17.8	25.4	+ 43
Imports	118.6	122.2	+ 3
Total supply	158.1	163.8	+ 4
Ending inventory	16.2	27.2	+ 68
Apparent consumption	141.9	136.6	- 4

In 1977, domestic landings were at their highest level since the early 1950's and 43 percent ahead of a year earlier. This occurred even though the commercial cod fishery in the areas of Georges Bank and Southern New England was terminated on August 22, 1977. After this date, the catch of cod was restricted to 5,510 pounds per vessel or 10 percent of all fish on board, whichever was greater. These recommendations were revised on November 4 to redistribute the catch according to vessel size, with vessels restricted to 2,000 to 3,000 pounds of cod per fishing day.

Imports of cod fillets in 1977 were 122.2 million pounds, a record and 3 percent ahead of a year earlier. Iceland, the leading United States supplier, increased their share to 48 percent of total imports of cod fillets. Canada was second with 26.1 million pounds, or 21 percent of the total.

After hitting a record 95.6 cents a pound in May, the wholesale price of cod fillets gradually fell during the summer to an average of 89.5 cents in September. Demand for cod fillets gained strength in the fourth quarter, and prices moved upward by nearly 4 cents by December.

FLATFISH

Total supplies of flatfish (flounder and turbot) fillets in 1977 were 1 percent higher than a year earlier (table 6). The decline in imports was more than offset by higher beginning inventories and landings. A 31-percent increase in imports in the third quarter of 1977 from a year earlier limited total imports to a 5-percent decline after a larger drop in the first half of 1977. Even though total supplies were higher, consumption was equal to 1976. This allowed inventories to increase to 18.9 million pounds.

Supplies and consumption of flounder fillets in 1977 were slightly above 1976. Higher beginning inventories and landings more than offset lower imports. The 2-percent decline in imports resulted primarily from lower landings and stocks in Canada, but also from greater demand for flounder blocks. Canada, the United States' leading supplier of flounder fillets, shipped 38 million pounds, 72 percent of the total flounder imports. Japan was a distant second with 13 percent.

In the second half of 1977, higher imports and relatively steady demand kept wholesale prices of flounder fillets at or near record levels. The average monthly price hit a record \$1.20 a pound in August 1977, 9 percent above the price of a year earlier, and 3 cents above prices in the second quarter.

Table 6.--Supply and utilization of flounder and turbot fillets,
January-December 1976-77

(Fillet weight)

Component	Flounder		Turbot		Total		Change
	1976	1977	1976	1977	1976	1977	of total
Beginning inventory	7.1	9.1	5.6	8.5	12.7	17.6	+ 39
Landings	22.5	24.2	-	-	22.5	24.2	+ 8
Imports	54.3	53.3	46.6	42.3	100.9	95.6	- 5
Total supply	83.9	86.6	52.2	50.8	136.1	137.4	+ 1
Ending inventory	9.1	9.0	8.5	9.9	17.6	18.9	+ 7
Apparent consumption	74.8	77.6	43.8	40.9	118.5	118.5	--

Meanwhile, consumption of turbot fillets in 1977 was 7 percent below 1976. Beginning inventories were 52 percent greater than a year earlier. Imports in 1977 were 42.3 million pounds, 9 percent less than a year earlier. After a sharp decline in the first half, imports of turbot fillets rose to equal a year earlier in the second half. There were substantial changes for the two major U.S. suppliers of turbot, principally because of the proliferation of 200-mile exclusive fishing zones. Canadian catches of turbot were 90 percent above 1976 in the first 11 months of 1977, and shipments to the United States tripled. In contrast, turbot imports from Japan were one-third below a year earlier. Japan's share in the United States market dropped from 88 percent a year earlier to 64 percent. Canada's share increased to 27 percent from only 9 percent in 1976.

All of the 7-percent decline in consumption of turbot fillets in 1977 occurred in the second half. The decline was associated with the rise in the price of turbot fillets to the price of cod fillets. Average monthly prices of turbot fillets reached and remained in the range of 91 to 94 cents per pound in June-December 1977, roughly 20 cents per pound above the prices during most of 1976 and early 1977.

HADDOCK

The market for haddock fillets continued to be steady with supplies and consumption greater than a year earlier (table 7). In 1977, supplies were larger, because of sharply higher landings. Landings were 10.5 million pounds--128 percent above a year earlier, and the best since 1970, but still one-fourth of the level of the early 1960's. Imports were slightly higher than a year earlier. Increased shipments from Canada and Iceland more than offset the drop in imports from Norway.

Table 7.--Supply and utilization of haddock fillets, January-December 1976-77

(Fillet weight)				
Component	1976	1977	Change	
	- Million pounds -		-	- Percent -
Beginning inventory	7.5	5.1	-	32
Landings	4.6	10.5	+	128
Imports	40.3	40.9	+	1
Total supply	52.4	56.5	+	8
Ending inventory	5.1	7.7	+	51
Apparent consumption	47.3	48.8	+	3

Consumption of haddock fillets in 1977 was 48.8 million pounds, 3 percent more than in 1976. The total of landings and imports increased more than consumption, so inventories rose. The 7.7 million pounds in storage on December 31, 1977, was 51 percent above a year earlier.

Wholesale prices were steady at about \$1.05 a pound from April to December, varying by less than 1 cent. While wholesale prices were stable, retail prices for frozen fillets steadily increased from \$1.72 a pound in January 1977 to a record \$1.97 in December.

OCEAN PERCH

Low supplies continued to dominate the market for ocean perch fillets in 1977. Imports in 1977 were 25 percent below a year earlier, primarily because of lower shipments from Canada, the leading supplier. Ocean perch landings in Canada of 137 million pounds in the first 11 months of 1977 were 30 percent below those of a year earlier.

Consumption of ocean perch fillets in 1977 was 7 percent below 1976 (table 8). The decline would have been greater, but consumption improved in the second half. The shortage in supplies caused inventories to decline by one-third from a year earlier to 9.5 million pounds on December 31, 1977.

Table 8--Supply and utilization of ocean perch fillets, January-December 1976-77

(Fillet weight)

Component	1976	1977	Change	
	- Million pounds -		-	- Percent -
Beginning inventory	10.0	14.3	+	43
Landings	9.7	10.6	+	9
Imports	60.1	45.2	-	25
Total supply	79.8	70.1	-	12
Ending inventory	14.3	9.5	-	34
Apparent consumption	65.5	60.6	-	7

Even though supplies were limited, prices were very steady in 1977. Wholesale prices for ocean perch fillets increased only 2 cents a pound from January, and were quoted at 94 cents a pound in the second half. Retail prices, however, increased steadily from \$1.61 in January to a record \$1.73 a pound in November.

OUTLOOK

The quota for 1978 of 20 million pounds, 2 million pounds less than in 1977, was announced by the Halibut Commission. The quota for Area 3 remained at 11 million pounds, while the quota for Area 2 was reduced 2 million pounds to 9 million pounds. Analysis of catch per unit of effort data (CPUE) indicates that halibut were more abundant in Area 3, but continued to decline in Area 2. Resources are well below the levels of the 1960's.

SALMON

The 1977 canned salmon pack was estimated to be nearly 3.1 million standard cases, 16 percent greater than in 1976, and 1 percent greater than the 1968-72 average (table 10). The gain was led by the 410,000-case increase (34 percent) in the pack of pink salmon, and by a 45-percent increase in chum salmon. Production of canned red salmon declined 10 percent, but was still over 900,000 cases. The pack of red salmon in Bristol Bay, the leading area for red salmon, was equal to the 1976 pack of 414,000 cases. The greatly improved pack of pink salmon in the southeastern region of Alaska and in Washington and Oregon more than offset the decline in Kodiak. A strike in Kodiak during the height of the season was primarily responsible for the decline in this area. The pack of chum salmon was 153,000 cases above 1976, and was just below the 1968-72 average of 511,000 cases.

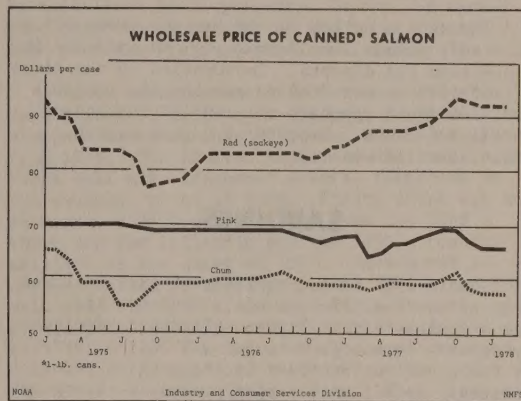
Table 10.--Pack of canned salmon, by species, 1968-72 average and 1976-77

Species	Average	1976	1977	Change
	1968-72	1976	1977	76 to 77
	- - -Thou. std. cases-			- Percent-
King	63	23	11	- 52
Red	1,085	1,024	921	- 10
Coho	132	53	36	- 32
Pink	1,260	1,219	1,629	+ 34
Chum	511	339	492	+ 45
Total	3,053	2,659	3,090	+ 16

1/ Source: National Food Processors Association.

The pack of canned salmon in British Columbia in 1977 was substantially above 1976, principally because of the greatly improved production of pink salmon (up 48 percent). The total pack of nearly 1.4 million standard cases was 33 percent above 1976, 20 percent higher than the 1972-76 average.

With the 1977 canning season completed and ample supplies of canned salmon on hand, wholesale prices of the three major species were lowered by \$1 to \$3 a case in mid-November. Prices for cases of 1-lb cans were quoted at \$88 to \$96 a case for reds, \$62 to \$70 for pinks, and \$55 to \$60 for chums (fig. 4).



In December, retail prices of canned pink and red salmon returned to levels of the summer after increasing about 3 percent in September and October. Canned pink salmon was \$2.01 a pound, and red salmon was \$2.71 in December 1977, based on an NMFS survey of retail fish prices.

Even though supplies of canned salmon were substantially higher in 1977, exports were only 9 percent above 1976. It appears the larger supplies available both in the United States and Canada had delayed buying, at least until new prices were announced. During 1977, 21.3 million pounds of canned salmon were exported, compared to 19.6 million pounds in 1976. Exports to the United Kingdom, the United States' leading buyer, fell 13 percent in 1977. Expanded exports to Australia, Canada, and the Netherlands helped offset the decline in exports to the United Kingdom. Because of adequate supplies, imports by the United States were held to only 583,000 pounds in 1977, compared to 2.5 million pounds in 1976.

While the export market for canned salmon has been relatively steady, the export market for fresh and frozen salmon has been booming. The principal cause has been the heavy buying by the Japanese. In 1977, the Japanese purchased 33.7 million pounds of fresh and frozen salmon, compared to only 5.1 million pounds a year earlier. The Japanese began to purchase large amounts of salmon in the spring when negotiations stalled with the Soviet Union on fishing inside their 200-mile exclusive fishing zone. Japanese

fishermen were not allowed to fish in Soviet waters; however, they did fish on the high seas outside both United States and Soviet waters in the Bering Sea and south of the Aleutians.

OUTLOOK

Improved supplies (up 19 percent above 1976) and steady prices should encourage an increase in consumption and exports. Consumption in the first half of 1978 is expected to surpass the previous year, and could approach the 1969-72 average of 1.5 million cases. Exports of canned salmon should also increase.

SARDINES

Supplies of canned sardines in 1977 declined slightly to 74 million pounds, 3 percent less than a year earlier. Imports of canned sardines during 1977 were 6 percent below 1976, and offset the 3-percent increase in the pack of Maine sardines. Retail prices rose gradually--9 percent from January to December 1977.

Imports of canned sardines in 1977 totaled 50.6 million pounds, 6 percent less than in 1976. Imports from Norway, the leading supplier of canned sardines to the United States, were 3 percent greater than a year earlier, but imports from South Africa (including South West Africa) were 54 percent lower, a drop of 9 million pounds. The catch of pilchards in Namibia (SWA) was the lowest since the fishery started in 1951, and canned production of sardines was under 4 million cases--less than one-half of the 9.6 million cases packed in 1976. Increased shipments from Peru and Mexico have made up partially for the drop in imports from South Africa.

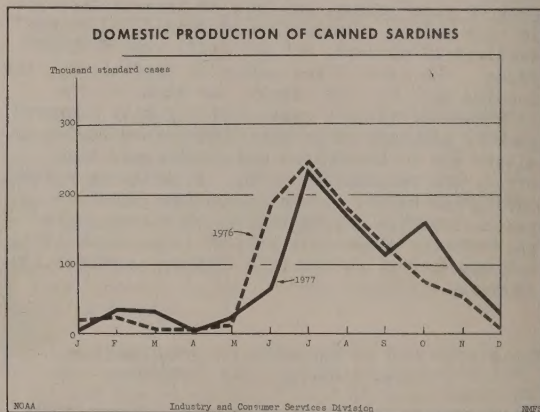
Preliminary statistics from the Maine Sardines Council indicate that production of canned sardines in 1977 was 3 percent above 1976. During the normally peak months of June, July, and August, the 1977 pack was off 23 percent from a year earlier, but a doubling of the pack in the fourth quarter pushed production ahead for the full year (fig. 5). The pack was estimated at 983,974 cases, compared to 953,918 cases in 1976.

Wholesale prices of Maine sardines increased 9 percent during 1977 to an average \$24.31 a case of 100 3-3/4 oz cans. The increase came in three steps: the first, to \$24 a case from \$23.10 was in April; the second was in September; and the third, to \$27.10 a case was in December. At the retail level, the Bureau of Labor Statistics price at Baltimore declined during the summer, but increased in the last 4 months of 1977. The price in December was 38.6 cents a can, up nearly 4 cents from December 1976.

OUTLOOK

Supplies of canned sardines in 1978 are likely to be lower than in 1977. The new pack of Maine sardines in 1978 will depend on the abundance of juvenile herring in local waters and on imports of herring from Canada for canning. Supplies of canned Norwegian sardines are reported to be abundant. A lower pilchard catch in Namibia will limit their supplies, and it is unlikely that canned sardines will be exported. Continued increases in imports from Peru and Mexico may not fill the void left by Namibia.

If 1978 supplies are slightly lower than last year's, prices could increase, including additional increases in costs of production and marketing being passed on. Demand should remain fairly strong in the first half of 1978.



TUNA

The market for canned tuna continued to be affected by the 2-month stoppage in fishing by the U.S. tuna purse seine fleet early in 1977, and by the resulting increase in prices. Even though sales of canned tuna have reportedly been lower than in 1976, prices at all levels were at record highs. Cannery receipts of domestic-caught tuna were below a year earlier, but imports of raw tuna were higher. Total receipts (landings and imports) were off, and the total pack of canned tuna declined.

Through December 1977, cannery receipts of domestic-caught tuna were 239,275 short tons, 28 percent below the record 333,308 tons in 1976 (table 11). Receipts of skipjack were off 34 percent while yellowfin receipts were 27 percent below 1976. Landings of albacore tuna, which were not affected by the stoppage of the purse seine

fleet, declined 32 percent from a year earlier to the lowest level since 1951. According to Michael Laurs of the NMFS La Jolla Laboratory, the low catch was caused by a number of reasons. In the Pacific Northwest, there was a scarcity of fish caused by a late migration from the western Pacific. Off northern and southern California, unfavorable weather, inconsistent scattered catches, and fish that would not strike hooks greatly reduced the catch.

Table 11.--Receipts of domestic-caught tuna, by U.S. cannery, by species, January-December 1976-77

Species	1976	1977	Change
	- - Short tons - - -		- Percent - -
Albacore	17,146	11,698	- 32
Bluefin	9,812	3,599	- 64
Skipjack	106,163	70,273	- 34
Yellowfin	196,274	142,871	- 27
Bonito	3,912	10,904	+ 179
Total	333,308	239,275	- 28

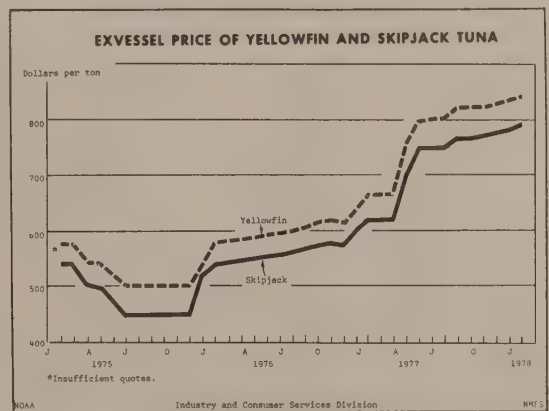
Imports of raw tuna partially compensated for the decline in landings. Imports were 545 million pounds during 1977, 4 percent above 1976 (table 12). Imports of both skipjack and yellowfin were substantially above 1976, but imports of albacore tuna were 20 percent lower.

Table 12.--U.S. imports of raw and canned tuna, by species or type, January-December 1976-77

Component	1976	1977	Change
	- - Thousand pounds - - -		- Percent - -
Raw tuna			
Albacore	168,271	134,247	- 20
Skipjack	237,163	280,043	+ 18
Yellowfin	99,168	120,040	+ 21
Not specified	20,949	10,501	- 50
Total raw	525,552	544,831	+ 4
Canned tuna			
In oil	288	176	- 39
In brine			
Albacore	34,898	15,678	- 55
Other	23,707	18,756	- 21
Total in brine	58,605	34,434	- 41
Total canned	58,893	34,612	- 41

Even though imports of raw tuna were higher, imports of canned tuna during 1977 were 41 percent below 1976, 35 million pounds compared to 59 million pounds in 1976. An uncertain U.S. market in the first half of 1977, and a sluggish market reflected by lower sales in the second half limited imports of canned tuna. Imports of canned albacore tuna dropped 55 percent, and light meat tuna declined by 21 percent. Imports of canned tuna comprised 6 percent of the total supply (U.S. pack plus imports), compared to 9 percent in 1976.

Lower cannery receipts of tuna were reflected in a 6-percent decline in the pack to 29 million standard cases during 1977, down 2 million cases from 1976. The limited supply of raw tuna in the first half also triggered several increases in the exvessel price of tuna. First, there was an increase of \$120 a ton in May from the \$665 a short ton for yellowfin and the \$620 a ton for skipjack at the start of 1977. Subsequent increases lifted exvessel prices to \$840 a ton for yellowfin and \$790 a ton for skipjack at the end of the year--up 26 percent from the beginning of 1977 (fig. 6). The price of albacore increased \$165 a ton (16 percent) to \$1,165 at the start of the albacore season in late June. That increase primarily reflected lower supplies in Japan owing to a 60-percent decline in the Japanese summer albacore fishery.



The higher raw material cost was passed on by canners, and wholesale prices of canned tuna rose substantially. For example, prices of private label chunk light tuna at the end of 1977 were 28 percent higher than a year earlier, while major brands increased 15 percent. Prices of white meat (albacore) tuna rose only moderately, 4 percent for private labels, and 8 percent for advertised brands.

At the retail level, prices of chunk light meat tuna increased from 66.6 cents a can in January to a record 77.7 cents in December 1977. Prices of white meat tuna also increased: the Bureau of Labor Statistics reported a record 112.9 cents in Boston in November, up 15 percent from January 1977.

OUTLOOK

The supply of domestic-caught tuna in 1978 should improve compared to 1977, when the 2-month layoff in fishing greatly reduced receipts. The U.S. tuna purse seine fleet set out to sea after January 1, 1978. The fleet will be short at least 10 purse seiners in 1978. Ten vessels transferred to foreign registry during 1977, and 6 more have applied to the U.S. Maritime Administration (MARAD). MARAD has granted the transfers on the condition that the vessels adhere to the same protective measures that apply to U.S.-flag vessels to reduce the porpoise mortality in association with fishing for yellowfin tuna. Seiners had to post bonds to assure that they would live up to the regulations with respect to employment of fine-mesh aprons, backing-down the end of the net, and other procedures for the escapement of trapped porpoises. Although vessels that transfer to foreign registry will be required to conform to

these U.S. standards, they no longer will be bound by the U.S. quota on porpoise kills.

The number of porpoises that may be killed by U.S. fishermen incidental to purse seining for yellowfin was reduced to 51,948 in 1978 from 62,429 in 1977. The porpoise mortality in 1977 was estimated at about 26,000, substantially below the quota. The low kill was associated mostly with the 2-month layoff in fishing. It is expected that porpoise quotas of 41,600 in 1979 and 31,140 in 1980 will be established.

Slower movement of canned tuna during the summer and fall has prompted canners to give promotional allowances to expand sales. Record high prices of canned tuna and relatively lower prices of meat and poultry have reduced sales. With promotional allowances for chunk light tuna ranging between \$6 and \$6.50 a case off the list price of \$34 a case, sales in the first half of 1978 should begin to approach year-earlier levels. Also, sales of canned tuna could be aided by the decline in numbers of grass-fed cattle, used primarily for hamburger, as prices of hamburger could increase in excess of 16 percent in 1978. Grain-fed beef prices are expected to rise moderately. Increased production of pork will cause prices to be substantially below 1977, and poultry prices may be slightly lower than a year earlier.

The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this publication approved by the Office of Management and Budget, July 26, 1973; this approval expires June 30, 1978.

STATISTICAL APPENDIX

Table A1.--Supplies and utilization of sticks and portions, 1976-77
(Product weight)

Year	Supplies				Utilization			
	Beginning stocks	Production			Imports	Total	Ending stocks	Apparent consumption
		Sticks	Portions	Total				
-Million pounds-								
1976								
January	35.3	8.8	27.2	36.0	1/	71.3	35.1	36.2
February	35.1	10.0	27.1	37.1	1/	72.2	32.3	39.9
March	32.3	11.1	34.4	45.5	1/	77.8	30.2	47.6
1st quarter	35.3	29.9	88.7	118.6	0.1	154.0	30.2	123.8
April	30.2	6.6	32.1	38.7	.1	69.0	31.8	37.2
May	31.8	6.6	27.4	34.0	.1	65.9	33.6	32.3
June	33.6	7.0	25.7	32.7	.1	66.4	36.3	30.1
2d quarter	30.2	20.2	85.2	105.4	.3	135.9	36.3	99.6
July	36.3	5.6	23.4	29.0	1/	65.3	33.3	32.0
August	33.3	7.2	29.1	36.3	1/	69.6	32.0	37.6
September	32.0	7.9	33.7	41.6	1/	73.6	30.8	42.8
3d quarter	36.3	20.7	86.2	106.9	.1	143.3	30.8	112.5
October	30.8	7.5	29.7	37.2	1/	68.0	32.3	35.7
November	32.3	8.5	26.1	34.6	1/	66.9	34.2	32.7
December	34.2	6.6	24.2	30.8	1/	65.0	31.0	34.0
4th quarter	30.8	22.6	80.0	102.6	.1	133.5	31.0	102.5
1977								
January	31.0	7.1	26.6	33.7	1/	64.7	31.9	32.8
February	31.9	9.9	27.2	37.2	1/	69.1	29.7	39.4
March	29.7	10.8	35.9	46.7	.1	76.5	29.5	47.0
1st quarter	31.0	27.8	89.8	117.6	.1	148.7	29.5	119.2
April	29.5	7.4	30.7	38.1	.1	67.7	29.8	38.2
May	29.8	5.7	29.9	35.7	1/	65.2	29.1	36.1
June	29.1	6.6	28.7	35.3	.1	64.4	32.8	31.6
2d quarter	29.5	19.8	89.3	109.1	.2	138.8	32.8	106.0
July	32.8	5.5	23.3	28.7	1/	61.5	29.8	31.7
August	29.8	6.9	28.9	35.8	.1	65.7	28.6	37.1
September	28.6	9.0	30.7	39.8	.1	68.5	29.4	39.1
3d quarter	32.8	21.4	82.9	104.2	.2	137.2	29.4	107.8
October	29.4	5.9	33.1	39.0	1/	68.4	29.9	38.5
November	29.9	6.2	29.6	35.7	.1	65.7	32.6	33.1
December	32.6	5.9	26.1	32.0	1/	64.6	30.5	34.1
4th quarter	29.4	18.0	88.8	106.8	.1	136.3	30.5	105.8

1/ Less than 50,000 pounds.

Note: Figures may not add to total because of rounding. Data are preliminary.

Table A2.--Wholesale prices for fish sticks and portions, monthly, 1975-77

Month	Sticks, cooked				Portions, raw breaded			
	Cod	Haddock	Pollock	Whiting	Cod	Haddock	Pollock	Whiting
-----Cents per pound-----								
1975								
January	75.3	75.8	56.3	55.0	73.6	74.3	53.4	51.0
February	72.5	73.0	53.3	55.0	71.0	71.5	51.0	51.0
March	72.5	73.0	53.3	55.0	71.0	71.5	51.0	51.0
April	72.5	73.0	53.3	55.0	71.0	71.2	51.0	51.0
May	72.5	73.0	53.3	55.0	71.0	71.0	51.0	51.0
June	72.5	73.0	53.3	55.0	71.0	71.0	51.0	51.0
July	72.5	73.0	53.3	55.0	71.0	71.0	51.0	51.0
August	72.5	73.0	53.3	55.0	71.0	71.0	51.0	51.0
September	72.5	73.0	53.3	55.0	71.0	71.0	51.0	51.0
October	72.5	73.0	53.3	55.0	71.0	71.0	51.0	51.0
November	72.3	74.5	53.8	55.0	71.0	71.8	52.0	51.0
December	73.3	75.3	54.2	61.4	72.4	72.5	53.0	54.0
Average	72.8	73.6	53.7	55.5	71.3	71.6	51.5	51.3
1976								
January	73.3	75.3	54.0	62.0	71.0	72.5	53.0	54.0
February	74.4	76.0	54.5	61.8	72.5	74.1	53.3	55.8
March	78.4	79.2	57.2	61.2	76.8	79.0	54.0	61.0
April	79.0	80.0	58.0	61.0	76.8	79.0	54.0	61.0
May	83.2	84.7	62.3	62.3	81.9	85.3	59.0	61.0
June	87.3	89.3	66.5	63.0	87.0	91.5	64.0	1/
July	89.1	90.8	66.4	69.7	88.0	91.5	63.7	67.5
August	90.0	91.8	66.3	73.0	88.5	91.5	65.5	67.5
September	88.8	92.5	67.2	73.0	88.5	91.5	66.9	68.7
October	90.0	94.6	67.4	72.3	90.6	93.0	66.4	68.5
November	96.0	99.3	66.0	70.0	97.0	97.5	66.0	65.5
December	96.0	99.3	66.0	70.0	97.0	97.5	66.0	65.5
Average	85.5	87.7	62.7	66.6	84.6	87.0	61.0	63.3
1977								
January	98.0	101.2	68.3	71.5	100.8	101.5	68.0	67.5
February	100.0	103.0	70.5	73.0	104.5	105.5	70.0	69.5
March	106.5	110.5	70.9	70.5	105.0	108.0	70.0	69.0
April	106.5	110.5	71.0	70.5	105.0	108.0	70.0	69.0
May	106.5	110.5	71.0	70.5	105.0	108.0	70.0	69.0
June	108.0	110.8	72.5	70.9	109.5	111.3	71.8	70.2
July	109.0	111.0	73.5	72.5	112.5	113.5	73.0	71.0
August	109.0	111.0	73.5	72.5	112.5	113.5	73.0	71.0
September	115.0	115.5	80.3	73.6	114.8	116.9	78.3	71.0
October	117.0	117.0	82.5	74.0	115.5	118.0	80.0	71.0
November	117.0	117.0	82.5	74.0	115.5	118.0	80.0	71.0
December	117.0	117.0	82.5	74.0	115.5	118.0	80.0	71.0
Average	109.1	111.3	74.9	72.3	109.7	111.7	73.7	70.3

1/ Insufficient quotes.

Note: Prices to primary wholesalers as quoted by producers at Boston, Gloucester, and New Bedford.
Source: Fishery Market News Report, National Marine Fisheries Service, Boston, Mass.

Table A3 .--Supplies and utilization of frozen fish blocks, monthly, 1976-77
(Product weight)

Year	Supplies				Utilization	
	Beginning stocks	Production	Imports	Total	Ending stocks	Disappearance
----- Million pounds -----						
1976						
January	79.0	0.1	23.6	102.7	65.7	37.0
February	65.7	.1	19.3	85.1	58.3	26.8
March	58.3	.3	42.9	101.5	50.2	51.3
1st quarter	79.0	.5	85.8	165.3	50.2	115.1
April	50.2	.4	28.9	79.5	46.0	33.5
May	46.0	.3	26.4	72.7	47.7	25.0
June	47.7	.2	33.1	81.0	48.3	32.7
2d quarter	50.2	.9	88.4	139.5	48.3	91.2
July	48.3	.3	35.3	83.9	60.0	23.9
August	60.0	.2	36.7	96.9	62.2	34.7
September	62.2	.2	47.2	106.9	66.6	43.0
3d quarter	48.3	.7	119.2	168.2	66.6	101.6
October	66.6	.1	30.0	96.7	63.9	32.8
November	63.9	.2	30.2	94.3	63.1	30.7
December	63.6	.3	25.1	89.0	61.1	27.9
4th quarter	66.6	.6	85.3	152.5	61.1	91.4
Year	79.0	2.7	378.7	460.4	61.1	399.3
1977						
January	61.1	.3	24.8	86.2	52.9	33.2
February	52.9	.2	21.9	75.0	45.4	29.6
March	45.4	.4	35.2	81.0	40.6	40.4
1st quarter	61.1	1.0	81.9	144.0	40.6	103.4
April	40.6	.5	38.7	79.8	45.6	34.2
May	45.6	.7	34.2	80.5	44.6	35.9
June	44.6	.6	36.2	81.4	48.4	33.0
2d quarter	40.6	1.8	109.0	151.4	48.4	103.0
July	48.4	.3	40.9	89.6	70.4	19.2
August	70.4	.4	41.2	112.0	76.7	35.3
September	76.7	.1	33.1	109.9	86.7	23.3
3d quarter	48.4	.8	115.2	164.4	86.7	77.7
October	86.7	.2	25.9	112.8	79.6	33.2
November	79.6	.6	29.3	109.6	70.0	39.5
December	70.0	.2	23.8	94.0	73.2	20.8
4th quarter	86.7	1.0	79.0	166.7	73.2	93.5

Note: Figures may not add to total because of rounding. Data are preliminary.

Table A4.--Wholesale prices for frozen fish blocks, monthly, 1975-77

Month	Cod	Cod minced	Flounder	Haddock	Pollock	Pollock Alaska	Whiting	Wolffish
-Cents per pound-								
1975								
January	59.0	26.0	61.0	59.0	37.4	31.0	36.1	60.2
February	59.0	26.4	61.0	59.0	37.5	31.8	36.8	62.0
March	58.8	25.5	61.0	59.0	37.5	34.5	36.9	61.5
April	58.0	25.0	61.0	58.0	37.5	34.5	37.0	60.6
May	58.0	20.0	61.0	58.0	37.5	33.6	36.5	60.8
June	57.3	1/	61.3	58.0	37.2	32.7	36.5	60.3
July	56.5	19.9	62.0	58.0	36.6	33.0	36.5	60.1
August	56.4	19.4	62.3	58.0	36.5	33.9	36.4	59.5
September	56.5	19.0	62.5	58.4	36.5	34.6	37.4	59.5
October	56.5	19.0	62.5	58.7	36.5	35.5	37.4	59.6
November	57.3	20.0	63.2	60.0	36.5	35.7	38.8	60.0
December	59.4	23.7	65.7	60.6	36.5	36.2	39.5	60.0
Average	57.7	22.1	62.0	58.7	37.0	33.9	37.2	60.4
1976								
January	60.8	25.0	74.1	61.1	36.5	35.6	39.5	60.0
February	62.5	25.0	75.5	63.4	37.0	36.0	39.4	60.5
March	65.6	26.0	77.4	68.0	38.1	37.5	39.0	61.0
April	69.1	29.3	83.0	70.0	40.0	38.4	39.5	1/
May	73.5	30.4	86.0	74.5	44.8	39.5	41.0	1/
June	75.5	33.0	96.0	80.1	49.0	42.0	42.0	1/
July	78.3	33.0	96.0	81.0	50.1	43.4	43.4	1/
August	78.5	33.9	96.0	81.4	50.9	46.8	43.8	1/
September	79.0	34.4	96.0	83.5	52.0	49.0	44.6	82.5
October	83.2	34.1	96.0	85.5	52.0	48.9	45.0	1/
November	85.1	34.5	96.0	88.8	52.0	49.0	45.5	84.5
December	87.6	34.5	96.0	89.8	52.0	49.0	45.5	84.5
Average	74.9	31.1	89.0	77.2	46.2	43.0	42.4	72.2
1977								
January	91.4	35.1	96.0	93.8	52.0	49.0	45.5	85.0
February	93.8	35.6	95.6	96.6	52.0	48.6	45.5	85.7
March	95.0	36.4	95.5	100.0	52.2	49.5	45.6	86.6
April	95.8	37.4	95.5	100.0	53.4	1/	46.0	84.5
May	97.9	39.0	96.0	100.0	57.0	59.5	47.8	84.5
June	99.9	39.5	96.0	102.3	61.3	60.2	50.4	88.0
July	100.0	38.8	96.0	104.1	64.1	65.0	53.4	88.0
August	100.0	36.6	96.0	104.2	66.0	67.0	55.8	88.0
September	100.0	35.2	96.0	104.0	66.0	68.0	58.2	89.0
October	100.0	34.5	95.8	104.0	66.3	67.1	57.8	90.0
November	100.0	33.6	94.9	104.0	67.0	67.0	58.1	92.0
December	100.0	32.0	94.4	104.0	67.0	67.0	59.0	93.5
Average	97.8	36.1	95.6	101.4	60.4	60.7	54.4	87.9

1/ Insufficient quotes.

Note: Prices to processors as quoted by producers, importers, and brokers at Boston, Gloucester, and New Bedford.

Source: Fishery Market News Report, National Marine Fisheries Service, Boston, Mass.

Table A5.--Supplies and utilization of fresh and frozen cod, monthly, 1976-77
(Fillet weight)

Month	Supplies				Utilization	
	Beginning stocks 1/	Landings 2/	Imports 3/	Total	Endings stocks 1/	Apparent consumption
-----Million pounds-----						
<u>1976</u>						
January	21.7	0.9	13.2	35.8	20.4	15.4
February	20.4	1.0	5.4	26.8	19.3	7.5
March	19.3	1.2	11.4	31.9	18.0	13.9
1st quarter	21.7	3.1	30.0	54.8	18.0	36.8
April	18.0	1.3	12.8	32.1	17.9	14.2
May	17.9	2.0	6.6	26.5	19.4	7.1
June	19.4	2.1	15.8	37.3	18.6	18.7
2d quarter	18.0	5.4	35.2	58.6	18.6	40.0
July	18.6	1.5	10.7	30.8	19.5	11.3
August	19.5	1.6	8.9	30.0	20.5	9.5
September	20.5	1.7	8.2	30.4	21.9	8.5
3d quarter	18.6	4.8	27.8	51.2	21.9	29.3
October	21.9	1.8	10.4	34.1	20.5	13.6
November	20.5	1.3	8.2	30.0	17.3	12.7
December	17.3	1.4	7.0	25.7	16.2	9.5
4th quarter	21.9	4.5	25.6	52.0	16.2	35.8
Year	21.7	17.8	118.6	158.1	16.2	141.9
<u>1977</u>						
January	16.2	1.2	9.9	27.2	13.6	13.6
February	13.6	1.3	10.0	24.9	13.6	11.3
March	13.6	1.7	9.2	24.6	10.0	14.5
1st quarter	16.2	4.2	29.1	49.5	10.0	39.5
April	10.0	2.3	14.3	26.7	15.7	11.0
May	15.7	3.4	8.3	27.4	17.5	9.9
June	17.5	4.1	9.8	31.4	16.0	15.4
2d quarter	10.0	9.8	32.4	52.2	16.0	36.2
July	16.0	2.8	9.5	28.3	18.1	10.2
August	18.1	2.7	17.6	38.4	23.6	14.8
September	23.6	1.2	10.0	34.8	29.5	5.3
3d quarter	16.0	6.7	37.1	59.8	29.5	30.3
October	29.5	1.4	6.3	37.2	28.2	9.0
November	28.2	1.8	10.5	40.6	28.1	12.5
December	28.1	1.5	6.9	36.5	27.2	9.3
4th quarter	29.5	4.7	23.7	57.9	27.2	30.7
Year	16.2	25.4	122.2	163.8	27.2	136.6

1/ Source: Frozen Fishery Products, Statistics and Market News Division, National Marine Fisheries Service.

2/ Source: New England Press Report Landings, Gloucester, Mass. This is the sum of landings at principal New England ports adjusted to approximate New England landings.

3/ Source: Department of Commerce, Bureau of the Census.

Note: Figures may not add to total because of rounding. Data are preliminary.

Table A6.--Exvessel, wholesale, and retail prices of cod, monthly, 1970-77

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
----- Cents per pound -----													
<u>Exvessel price 1/</u>													
1970	15.7	14.7	15.0	11.8	8.2	10.7	11.5	16.2	15.2	14.1	13.1	16.4	13.6
1971	20.3	13.4	12.6	12.6	9.4	11.7	14.8	18.1	15.6	15.0	19.2	20.3	15.3
1972	25.4	25.2	22.0	18.3	15.2	16.4	17.3	18.0	19.4	22.0	24.5	30.9	22.1
1973	24.1	24.7	24.3	20.0	13.1	14.3	18.9	20.1	18.4	17.4	23.4	29.1	20.7
1974	23.8	24.8	28.0	25.7	16.8	15.7	14.9	20.2	21.3	18.3	24.1	24.9	21.5
1975	26.2	25.5	33.6	26.8	17.3	22.2	22.5	23.4	26.3	24.7	26.5	30.7	25.6
1976	39.2	38.9	38.8	32.2	20.6	19.8	22.5	24.2	26.5	33.0	32.0	28.5	29.7
1977	32.8	31.5	29.3	22.3	16.0	15.1	18.3	22.4	31.7	32.8	26.1	28.2	25.5
<u>Wholesale price, frozen fillets 2/</u>													
1970	31.5	31.5	31.5	31.5	31.5	31.5	32.0	32.0	33.5	35.4	37.5	43.3	33.6
1971	42.6	43.5	43.5	43.4	43.7	44.2	45.6	45.5	46.9	46.0	46.3	48.8	45.1
1972	50.5	51.1	54.0	56.0	55.8	55.5	55.9	56.0	54.5	53.8	51.7	49.0	53.7
1973	49.3	51.4	53.3	58.0	59.6	63.5	64.0	67.1	73.5	77.9	77.8	79.0	64.5
1974	79.0	79.0	79.9	79.1	76.8	72.0	66.0	65.0	65.0	65.0	65.0	65.0	71.4
1975	64.9	62.9	61.0	60.5	60.5	58.0	58.0	60.5	61.5	64.0	67.2	70.8	62.5
1976	74.6	75.0	72.0	70.0	70.0	70.9	71.1	70.0	70.0	70.5	71.3	75.4	71.7
1977	80.8	89.0	90.4	92.8	95.6	93.6	92.1	90.9	89.5	90.0	93.4	94.9	91.1
<u>Wholesale price, fresh fillets 3/</u>													
1970	78.0	75.0	85.0	80.0	59.0	62.0	70.0	78.0	80.0	72.0	73.6	79.4	83.6
1971	93.3	89.0	81.4	84.5	70.2	71.4	76.5	81.0	86.3	85.8	90.0	93.0	83.6
1972	113.4	118.5	118.8	92.2	94.3	94.4	95.0	97.8	105.0	110.0	110.0	120.0	106.0
1973	134.3	122.0	119.0	115.0	97.1	109.0	117.6	133.1	119.0	114.3	120.5	140.0	120.0
1974	134.8	139.5	142.0	139.0	117.0	107.0	113.9	123.4	130.0	126.1	131.1	129.5	127.8
1975	142.0	144.2	153.9	158.3	124.1	137.3	137.7	141.3	166.1	149.6	149.6	156.0	146.7
1976	176.3	177.5	178.0	162.5	145.0	146.0	155.0	165.6	161.9	168.1	164.4	159.0	163.3
1977	192.5	186.9	174.5	158.1	129.4	140.5	141.9	153.5	179.0	165.0	158.0	168.5	162.3
<u>Retail price, frozen fillets 4/</u>													
1970	63.2	63.6	64.6	65.4	65.0	66.7	68.3	68.8	68.2	60.2	60.6	69.7	66.7
1971	72.4	74.9	77.1	77.1	77.7	79.0	79.0	81.0	80.4	81.3	81.6	81.5	78.5
1972	82.7	84.0	84.7	86.2	87.1	87.5	91.5	91.2	92.8	93.6	97.4	97.1	89.7
1973	99.2	100.5	100.6	102.9	107.1	109.3	109.5	112.7	114.4	121.4	125.7	128.3	111.1
1974	131.7	133.3	136.5	136.7	141.3	139.6	141.3	143.2	145.2	143.6	146.0	145.0	140.3
1975	147.5	146.7	144.6	148.3	145.2	144.6	144.1	138.8	148.2	144.1	153.0	146.7	146.0
1976	148.6	148.9	148.8	152.0	152.6	153.5	155.5	150.3	153.1	151.9	150.3	150.1	151.3
1977	152.9	161.3	163.1	162.1	164.5	166.8	169.9	172.6	175.3	179.2	182.9	185.7	169.7
<u>Retail price, fresh fillets 5/</u>													
1970	92.5	95.0	98.0	104.0	97.8	105.3	99.6	96.5	102.3	107.8	106.5	109.2	101.2
1971	112.8	119.3	127.1	126.9	125.8	124.5	129.0	129.4	126.4	128.3	128.4	134.5	126.0
1972	135.6	127.8	144.0	131.5	124.0	124.0	124.0	124.0	137.9	140.3	139.0	159.8	134.3
1973	185.5	179.0	184.5	184.0	174.5	170.6	170.0	179.3	180.0	183.4	181.1	195.1	180.6
1974	195.0	203.5	200.1	202.2	193.0	189.1	179.3	186.0	201.8	197.2	200.8	200.8	195.7
1975	215.8	213.3	214.3	232.9	216.8	213.3	212.3	207.8	222.8	231.7	228.9	219.0	219.1
1976	243.5	243.8	242.6	242.8	244.0	234.0	226.5	238.0	243.0	247.8	268.0	231.5	242.2
1977	251.5	251.0	254.0	269.1	249.0	246.0	237.8	238.0	263.5	262.8	257.0	257.8	253.1

1/ Source: Production and Value of Fisheries at Major New England Ports, weighted average.

2/ Source: Fishery Market News Report, Statistics and Market News Division, average prices for 5-lb pkg of Canadian fillets. Series for cod and ocean perch 1-lb pkg have been converted to 5-lb pkg series to make it consistent with all groundfish fillet prices. Data for 1-lb pkg series are available upon request.

3/ Average monthly price for domestic fillets, New York City Fulton Market.

4/ Source: Estimated Retail Food Prices by City, Bureau of Labor Statistics, at New York City.

5/ Retail Price Report, New York Market Information Service, average monthly price for domestic fillets.

Table A7.--Supplies and utilization of fresh and frozen flounder, monthly, 1976-77

Month	Supplies				Utilization	
	Beginning stocks	Landings	Imports	Total	Ending stocks	Apparent consumption
-----Million pounds-----						
1976						
January	7.1	1.2	3.4	11.7	6.2	5.6
February	6.2	1.3	3.0	10.5	5.2	5.3
March	5.2	1.7	5.0	11.9	4.7	7.1
1st quarter	7.1	4.2	11.4	22.7	4.7	18.0
April	4.7	1.8	4.5	11.0	4.9	6.1
May	4.9	2.1	4.0	11.0	4.9	6.1
June	4.9	2.3	6.4	13.6	5.8	7.7
2d quarter	4.7	6.2	14.9	25.8	5.8	19.9
July	5.8	2.2	4.8	12.8	6.8	6.1
August	6.8	2.2	4.6	13.6	7.7	5.8
September	7.7	2.8	5.8	16.3	8.4	7.9
3d quarter	5.8	7.2	15.2	28.2	8.4	19.9
October	8.4	1.7	4.2	14.3	8.1	6.2
November	8.1	1.9	4.0	14.0	9.2	4.8
December	9.2	1.3	4.5	15.0	9.1	5.9
4th quarter	8.4	4.9	12.9	26.0	9.1	16.9
Year	7.1	22.5	54.3	83.9	9.1	74.8
1977						
January	9.1	1.4	2.4	12.9	7.5	5.4
February	7.5	1.7	1.5	10.6	5.9	4.7
March	5.9	2.2	4.4	12.5	4.7	7.8
1st quarter	9.1	5.2	8.2	22.5	4.7	17.8
April	4.7	2.3	3.5	10.4	4.4	6.0
May	4.4	2.5	3.6	10.5	5.0	5.5
June	5.0	2.1	5.9	13.0	5.4	7.6
2d quarter	4.7	6.9	13.0	24.6	5.4	19.2
July	5.4	2.1	5.4	12.9	7.4	5.5
August	7.4	2.5	5.9	15.8	8.4	7.4
September	8.4	2.1	5.7	16.2	8.8	7.4
3d quarter	5.4	6.7	17.0	29.1	8.8	20.3
October	8.8	2.3	4.3	15.3	8.9	6.4
November	8.9	1.7	4.9	15.6	9.0	6.6
December	9.0	1.4	5.8	16.2	9.0	7.2
4th quarter	8.8	5.4	15.0	29.2	9.0	20.2
Year	9.1	24.2	53.3	86.6	9.0	77.6

Note: Figures may not add to total because of rounding. Data are preliminary.

Table A8 .--Supplies and utilization of turbot fillets, monthly, 1976-77

Year	Supplies				Utilization	
	Beginning stocks	Landings	Imports	Total	Ending stocks	Apparent consumption
----- Million pounds -----						
1976						
January	5.6	-	7.4	13.0	9.4	3.6
February	9.4	-	3.3	12.7	10.0	2.7
March	10.0	-	7.6	17.6	10.1	7.6
1st quarter	5.6	-	18.3	23.9	10.1	13.8
April	10.1	-	2.8	12.9	8.9	4.0
May	8.9	-	2.4	11.3	8.8	2.3
June	8.8	-	1.0	9.8	7.4	2.4
2d quarter	10.1	-	6.1	16.2	7.4	8.8
July	7.4	-	1.6	9.0	6.2	2.7
August	6.2	-	2.3	8.5	6.1	2.5
September	6.1	-	3.3	9.4	5.3	4.1
3d quarter	7.4	-	7.2	14.6	5.3	9.4
October	5.3	-	3.5	8.8	4.7	4.1
November	4.7	-	7.7	12.4	8.1	4.3
December	8.1	-	3.8	11.9	8.5	3.4
4th quarter	5.3	-	15.0	20.3	8.5	11.8
Year	5.6	-	46.6	52.2	8.5	43.8
1977						
January	8.5	-	3.1	11.6	7.5	4.1
February	7.5	-	2.7	10.2	5.9	4.3
March	5.9	-	2.9	8.8	3.3	5.5
1st quarter	8.5	-	8.7	17.2	3.3	13.9
April	3.3	-	4.0	7.3	3.8	3.4
May	3.8	-	2.5	6.3	3.9	2.4
June	3.9	-	2.9	6.8	3.9	2.9
2d quarter	3.3	-	9.5	12.8	3.9	8.9
July	3.9	-	2.5	6.4	4.0	2.4
August	4.0	-	2.7	6.7	5.4	1.3
September	5.4	-	7.1	12.5	8.1	4.4
3d quarter	3.9	-	12.3	16.2	8.1	8.1
October	8.1	-	6.6	14.7	9.4	5.3
November	9.4	-	3.5	12.9	10.5	2.4
December	10.5	-	2.1	12.6	9.9	2.7
4th quarter	8.1	-	12.2	20.3	9.9	10.4
Year	8.5	-	42.3	50.8	9.9	40.9

Note: Figures may not add to total because of rounding. Data are preliminary.

Table A 9.--Exvessel, wholesale, and retail prices of flatfish, monthly, 1970-77

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
----- Cents per pound -----													
<u>Exvessel prices 1/</u>													
1970	18.8	21.3	21.5	17.6	11.1	16.2	14.6	14.1	12.9	11.6	9.7	9.8	15.0
1971	13.1	16.4	19.1	19.0	13.1	12.6	13.7	22.1	13.7	16.6	16.0	18.6	16.2
1972	20.4	22.5	19.9	19.6	19.5	20.9	17.6	14.3	18.3	16.6	17.5	21.5	19.1
1973	17.7	34.9	28.9	32.4	18.3	15.8	19.9	24.5	13.8	14.4	28.6	28.6	23.2
1974	28.2	33.8	38.9	38.2	22.1	18.4	18.1	18.0	21.3	24.0	33.1	21.3	27.1
1975	39.6	42.4	47.8	40.0	28.0	31.1	27.7	24.4	37.6	38.6	39.3	49.4	37.2
1976	49.2	61.0	59.1	41.1	37.7	42.3	35.7	36.0	24.0	48.8	42.0	47.9	43.7
1977	53.7	55.0	51.9	43.8	40.0	43.0	44.0	42.5	45.4	50.3	52.3	49.2	47.6
<u>Wholesale price, frozen fillets 2/</u>													
1970	52.8	53.6	53.5	53.9	53.8	53.5	53.4	53.0	53.5	53.1	53.5	51.8	53.5
1971	51.8	48.0	47.5	47.5	47.5	48.5	48.5	49.5	51.1	52.0	53.0	53.0	59.7
1972	53.8	53.9	56.2	58.0	59.7	64.0	66.3	67.5	72.9	73.4	74.9	76.0	64.7
1973	77.9	78.1	79.1	80.5	80.2	80.0	81.8	83.2	84.9	84.9	85.0	85.0	81.7
1974	84.6	84.9	85.0	84.8	84.0	81.0	76.6	80.4	79.8	78.6	78.0	79.0	81.6
1975	79.0	79.0	80.0	81.0	81.0	83.8	85.0	88.8	90.5	94.2	96.0	96.5	86.2
1976	97.0	97.8	100.0	104.0	105.3	109.8	110.0	110.0	109.0	110.0	110.0	110.0	106.1
1977	111.9	114.0	113.2	113.8	116.0	116.4	119.5	119.7	118.1	117.0	119.6	120.6	116.7
<u>Retail price, fresh fillets 3/</u>													
1970	131.4	137.8	138.6	135.2	125.3	130.3	128.0	124.0	124.0	124.0	131.6	123.0	129.1
1971	135.0	142.8	150.0	145.3	145.3	151.0	149.0	141.6	141.0	135.3	144.0	145.3	144.7
1972	152.8	156.5	162.8	167.8	161.0	166.5	170.0	170.0	166.5	167.5	180.3	176.5	166.5
1973	178.6	204.0	225.7	236.6	224.0	216.6	219.4	231.6	227.5	223.0	234.0	232.9	221.2
1974	224.5	249.0	256.0	267.5	244.5	230.3	217.9	227.6	227.6	230.2	239.4	242.7	238.2
1975	267.9	287.9	289.0	309.0	281.8	271.8	295.3	257.0	251.8	270.4	266.9	300.7	279.2
1976	324.0	334.0	362.0	340.3	301.9	312.5	298.1	277.0	277.0	300.8	309.5	302.9	311.7
1977	332.1	347.8	329.0	342.9	308.3	317.5	307.5	320.0	324.5	346.6	347.5	354.0	331.5
<u>Retail price, frozen fillets 4/</u>													
1970	97.9	98.6	98.6	96.9	95.0	96.6	97.2	97.2	97.3	98.4	98.4	98.8	97.6
1971	96.4	100.0	100.0	98.9	94.7	94.7	94.1	94.2	95.1	94.8	94.8	94.9	96.3
1972	97.5	99.6	98.0	98.9	103.3	102.5	105.1	110.8	111.7	116.3	110.6	116.7	105.9
1973	117.4	117.9	123.9	128.5	128.8	131.0	132.6	134.1	133.5	138.8	145.9	147.7	131.1
1974	152.0	157.9	153.1	155.1	153.4	155.1	157.6	154.3	156.7	156.4	151.7	152.2	154.7
1975	158.5	158.7	160.4	160.0	161.4	158.7	159.1	163.6	169.6	177.1	178.7	185.8	166.0
1976	186.4	188.1	193.6	193.9	206.3	205.0	206.5	210.5	209.6	213.2	214.9	215.4	203.6
1977	221.6	227.3	224.0	227.6	232.6	236.8	241.2	235.8	242.5	247.4	241.8	247.5	235.5

1/ Source: Production and Value of Fisheries at Major New England Ports, average monthly price for yellowtail flounder.

2/ Source: Fishery Market News Report, Statistics and Market News Division, average prices for 5-lb pkg of Canadian fillets, at Boston, Mass.

3/ Source: Retail Price Report, New York Market Information Service, average monthly price for domestic fillets.

4/ Source: Estimated Retail Food Prices by City, Bureau of Labor Statistics, at Houston, Tex.

Table A10.--Supplies and utilization of fresh and frozen haddock, monthly, 1976-77
(Fillet weight)

Month	Supplies				Utilization	
	Beginning stocks 1/	Landings 2/	Imports 3/	Total	Ending stocks	Apparent consumption
-----Million pounds-----						
1976						
January	7.5	0.3	3.6	11.4	7.4	4.0
February	7.4	.4	1.8	9.6	6.2	3.4
March	6.2	.5	4.3	11.0	5.7	5.2
1st quarter	7.5	1.2	9.7	18.4	5.7	12.7
April	5.7	.4	5.1	11.2	7.0	4.2
May	7.0	.6	1.7	9.3	5.9	3.4
June	5.9	.5	4.8	11.2	5.0	6.2
2d quarter	5.7	1.5	11.6	18.8	5.0	13.8
July	5.0	.2	3.8	9.0	4.7	4.3
August	4.7	.3	2.1	7.1	4.9	2.2
September	4.9	.4	4.3	9.6	4.7	4.9
3d quarter	5.0	.9	10.2	16.1	4.7	11.4
October	4.7	.3	4.3	9.3	3.9	5.4
November	3.9	.4	2.4	6.7	5.3	1.4
December	5.3	.3	2.1	7.7	5.1	2.6
4th quarter	4.7	1.0	8.8	14.5	5.1	9.4
1977						
January	5.1	.4	2.9	8.4	4.7	3.7
February	4.7	.7	3.2	8.6	5.2	3.4
March	5.2	.7	4.6	10.5	4.1	6.4
1st quarter	5.1	1.8	10.7	17.6	4.1	13.5
April	4.1	.7	5.9	10.7	5.3	5.4
May	5.3	.9	3.2	9.4	5.1	4.3
June	5.1	1.0	3.2	9.3	4.6	4.7
2d quarter	4.1	2.6	12.2	18.9	4.6	14.3
July	4.6	1.0	2.7	8.3	4.0	4.3
August	4.0	.9	3.5	8.4	4.1	4.3
September	4.1	.9	3.5	8.4	6.1	2.3
3d quarter	4.6	2.8	9.7	17.1	6.1	11.0
October	6.1	1.3	3.2	10.6	7.5	3.1
November	7.5	1.1	2.7	11.4	7.3	4.1
December	7.3	.9	2.3	10.5	7.7	2.8
4th quarter	6.1	3.3	8.2	17.6	7.7	9.9
Year	5.1	10.5	40.9	56.5	7.7	48.8

1/ Source: Frozen Fishery Products, Statistics and Market News Division, National Marine Fisheries Service.

2/ Source: New England Press Report Landings, Gloucester, Mass. This is the sum of landings at principal New England ports adjusted to approximate New England landings.

3/ Source: Department of Commerce, Bureau of the Census.

Note: Figures may not add to total because of rounding. Data are preliminary.

Table A11.--Exvessel, wholesale, and retail prices of haddock in the United States, monthly, 1970-77

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
-----Cents per pound-----													
<u>Exvessel price 1/</u>													
1970	33.9	33.8	27.6	19.6	18.0	23.7	26.6	31.7	27.7	26.5	33.9	34.7	28.1
1971	39.8	29.3	27.4	25.0	20.7	24.8	31.7	38.0	30.0	35.5	40.6	45.6	32.4
1972	41.5	40.1	43.3	40.8	37.6	36.8	40.8	38.0	41.2	46.2	55.2	54.6	43.1
1973	40.7	41.4	40.6	44.2	42.2	32.9	35.1	35.8	39.7	35.0	45.4	51.3	40.4
1974	35.2	44.0	35.7	51.0	36.8	33.4	28.9	39.7	41.1	41.9	42.7	37.6	39.0
1975	30.3	38.9	43.6	39.8	21.4	29.3	43.9	30.5	35.2	38.0	34.2	47.4	36.1
1976	56.6	44.0	42.9	48.4	40.0	42.7	46.4	44.1	41.3	44.4	45.0	49.1	45.5
1977	42.5	36.0	43.6	38.6	28.9	27.9	25.4	31.0	33.5	31.6	29.6	34.7	33.6
<u>Wholesale price, frozen fillets 2/</u>													
1970	53.9	53.6	54.0	54.6	53.5	53.6	54.0	54.5	55.6	58.0	58.6	58.9	55.2
1971	59.8	59.4	57.3	56.5	56.5	56.5	56.5	56.3	58.5	58.0	58.0	58.6	57.7
1972	59.0	59.0	59.2	59.5	59.5	68.8	73.4	76.5	77.5	77.5	77.5	77.5	68.7
1973	77.5	77.5	78.0	79.3	79.5	79.9	83.7	83.0	86.3	90.8	91.4	92.0	83.2
1974	92.0	92.0	96.1	96.8	85.0	85.0	85.8	86.9	85.0	85.0	85.0	85.0	88.3
1975	83.8	83.5	84.0	81.3	6/	80.0	84.5	86.3	86.7	87.0	87.0	89.6	84.9
1976	89.3	90.0	98.0	92.0	92.0	97.0	102.8	98.0	98.0	6/	6/	102.0	95.9
1977	103.9	6/	6/	105.5	105.5	105.4	105.0	105.0	104.2	105.4	105.0	105.0	104.9
<u>Wholesale price, fresh fillets 3/</u>													
1970	115.0	112.2	70.0	67.5	56.0	74.5	89.0	94.5	97.0	73.5	102.5	145.0	91.4
1971	116.5	101.0	73.5	67.0	60.0	96.0	82.5	108.0	97.5	103.5	102.5	122.5	94.2
1972	150.0	125.0	105.0	145.0	150.0	100.0	112.5	110.0	125.0	135.0	135.0	160.0	129.4
1973	160.0	100.0	125.0	130.0	145.0	82.5	132.5	117.1	120.0	120.0	195.0	175.0	133.5
1974	127.5	125.0	125.0	200.0	120.0	100.0	102.5	120.0	152.5	120.0	130.0	147.5	149.4
1975	100.0	160.0	140.0	132.5	97.5	97.5	162.5	130.0	122.5	135.0	135.0	135.0	129.9
1976	195.0	155.0	160.0	155.0	160.0	175.0	140.0	170.0	162.5	170.0	175.0	6/	165.3
1977	265.0	150.0	175.0	250.0	125.0	130.0	105.0	105.0	165.0	112.5	125.0	232.5	161.6
<u>Retail price, frozen fillets 4/</u>													
1970	80.6	83.5	85.3	86.0	87.4	88.4	89.4	89.4	90.9	90.0	91.5	92.6	87.9
1971	93.8	96.4	98.4	98.9	100.0	101.2	101.8	101.6	101.8	102.0	102.4	101.8	100.0
1972	102.4	102.7	102.9	103.4	104.0	104.9	105.3	106.9	108.4	108.8	112.0	113.7	106.3
1973	115.7	119.6	120.8	124.2	128.7	132.2	133.6	136.3	136.5	138.3	144.9	145.5	131.4
1974	147.6	149.4	150.2	149.8	150.4	148.9	149.7	150.5	149.3	147.3	150.1	149.5	149.4
1975	151.1	151.8	151.1	150.8	150.9	150.0	150.5	152.0	151.4	152.2	152.1	153.7	151.5
1976	153.2	156.2	155.9	157.7	158.3	160.7	165.7	167.4	168.5	171.1	170.0	171.8	163.0
1977	171.9	175.0	177.3	181.1	183.6	184.4	185.5	187.7	191.7	192.5	196.0	196.9	185.3
<u>Retail prices fresh fillets 5/</u>													
1970	117.5	110.5	133.7	120.6	93.8	91.4	108.9	114.1	117.7	105.0	137.4	136.5	115.6
1971	155.9	145.6	140.1	121.0	134.7	148.1	150.0	162.4	165.3	157.0	163.3	172.2	151.3
1972	125.9	123.6	122.2	128.3	124.6	124.2	143.3	141.5	135.5	145.3	139.2	145.1	132.2
1973	6/	229.2	183.8	193.5	188.8	221.1	199.6	214.0	211.9	215.1	213.0	229.2	209.0
1974	216.8	222.8	213.4	239.8	206.9	219.9	214.1	207.9	210.6	203.3	206.8	213.9	214.6
1975	235.7	207.4	209.5	218.1	187.0	185.1	191.9	221.9	222.6	206.2	191.6	207.4	207.0
1976	258.4	252.9	210.2	238.2	226.0	206.8	213.0	219.4	230.3	230.9	245.7	241.4	231.1
1977	280.1	277.5	243.7	294.9	273.2	235.4	228.1	233.2	251.8	232.5	263.0	230.7	253.7

1/ Source: Production and Value of Fisheries at Major New England Ports, weighted average.

2/ Source: Fishery Market News Report, Statistics and Market News Division, average prices for 5-lb pkg of Canadian fillets, at Boston, Mass.

3/ Source: Wholesale Prices and Price Index, Bureau of Labor Statistics, prices for 20-lb tins of domestic fillets at Boston, Mass.

4/ Source: Estimated Retail Food Prices by City, Bureau of Labor Statistics, average of retail price at 32 cities.

5/ Source: Estimated Retail Food Prices by City, Bureau of Labor Statistics, at Boston, Mass.

6/ Insufficient quotations to establish price.

Table A12.--Supplies and utilization of ocean perch, monthly, 1976-77
(Fillet weight)

Month	Supplies				Utilization	
	Beginning stocks <u>1/</u>	Landings <u>2/</u>	Imports <u>3/</u>	Total	Ending stocks	Apparent consumption
	----- Million pounds -----					
1976						
January	10.0	0.4	7.0	17.4	9.5	7.9
February	9.5	.4	6.0	15.9	8.2	7.7
March	8.2	1.2	8.8	18.1	7.8	10.4
1st quarter	10.0	2.0	21.8	33.8	7.8	26.0
April	7.8	1.0	3.7	12.5	6.8	5.7
May	6.8	.8	1.6	9.2	4.8	4.4
June	4.8	1.1	4.4	10.3	5.2	5.1
2d quarter	7.8	2.9	9.7	20.3	5.2	15.2
July	5.2	1.4	4.9	11.5	6.9	4.6
August	6.9	1.0	6.7	14.6	11.2	3.4
September	11.2	.8	8.4	20.4	15.8	4.6
3d quarter	5.2	3.2	20.0	28.4	15.8	12.6
October	15.8	.6	4.3	20.7	14.7	6.0
November	14.7	.5	2.7	17.9	14.5	3.4
December	14.5	.5	1.6	16.6	14.3	2.3
4th quarter	15.8	1.6	8.6	26.0	14.3	11.7
Year	10.0	9.7	60.1	79.8	14.3	65.5
1977						
January	14.3	.5	3.2	17.9	11.5	6.5
February	11.5	.7	1.8	14.0	8.2	5.8
March	8.2	1.6	3.1	12.9	6.5	6.4
1st quarter	14.3	2.8	8.2	25.3	6.5	18.8
April	6.5	.5	2.0	9.0	5.4	3.6
May	5.4	1.6	1.4	8.4	3.8	4.6
June	3.8	1.2	3.2	8.1	3.7	4.4
2d quarter	6.5	3.3	6.5	16.3	3.7	12.6
July	3.7	1.1	4.6	9.4	6.1	3.3
August	6.1	.9	6.4	13.4	7.5	5.9
September	7.5	.7	6.6	14.8	8.5	6.3
3d quarter	3.7	2.7	17.7	24.1	8.5	15.6
October	8.5	.7	4.0	13.2	10.2	3.0
November	10.2	.7	4.6	15.4	10.6	4.8
December	10.6	.4	4.2	15.2	9.5	5.7
4th quarter	8.5	1.8	12.8	23.1	9.5	13.6
Year	14.3	10.6	45.2	70.1	9.5	60.6

1/ Source: Frozen Fishery Products, Statistics and Market News Division, National Marine Fisheries Service.

2/ Source: New England Press Report Landings, Gloucester, Mass. This is the sum of landings at principal.
New England ports adjusted to approximate New England landings.

3/ Source: Department of Commerce, Bureau of the Census.

Note: Figures may not add to total because of rounding. Data are preliminary.

Table A13.--Exvessel, wholesale, and retail prices of ocean perch, monthly, 1970-77

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
----- Cents per pound -----													
<u>Exvessel price 1/</u>													
1970	5.0	4.6	4.6	4.5	4.5	4.9	5.2	5.4	5.4	5.4	5.5	5.5	5.0
1971	5.4	5.1	5.1	5.0	4.8	5.1	5.3	5.2	5.2	5.2	5.1	5.0	5.1
1972	5.3	5.2	5.4	5.4	5.7	5.3	5.7	6.2	6.4	6.3	5.7	6.4	5.8
1973	6.9	7.2	7.2	7.6	7.5	7.5	7.6	8.3	8.9	10.2	9.0	9.3	8.1
1974	9.9	9.4	9.5	8.7	7.9	7.8	7.2	7.2	7.4	7.8	8.1	8.0	8.2
1975	8.7	9.2	10.5	10.4	9.9	10.3	10.1	10.6	11.0	11.6	11.8	11.9	10.5
1976	12.1	12.2	13.6	13.6	13.8	13.0	13.8	14.2	14.1	14.2	15.2	28.5	14.9
1977	15.3	15.5	15.3	16.2	15.0	15.3	14.0	15.2	15.2	15.6	15.5	15.9	15.3
<u>Wholesale price, frozen fillets 2/</u>													
1970	34.0	34.0	34.0	34.0	34.0	34.0	36.0	37.0	37.0	36.5	36.5	36.5	35.3
1971	36.5	36.5	36.5	37.0	37.0	36.0	36.0	36.0	34.6	35.0	35.0	35.0	35.9
1972	35.0	35.5	37.3	38.6	40.2	41.5	43.1	45.5	47.1	47.8	48.5	48.8	42.4
1973	50.2	51.5	53.6	54.3	55.4	55.5	55.8	59.5	62.5	63.0	62.9	63.5	57.3
1974	61.7	58.5	54.1	50.0	44.3	40.1	39.8	43.3	46.1	48.3	49.5	51.3	48.9
1975	49.5	50.4	54.3	56.4	57.5	60.3	62.2	63.7	64.5	65.3	68.2	70.5	60.2
1976	72.0	72.3	74.3	76.9	82.4	88.2	92.5	92.1	90.3	93.2	92.8	92.5	84.9
1977	92.0	92.0	92.0	92.0	92.5	92.7	94.0	94.0	93.8	93.8	94.4	94.0	93.1
<u>Retail price, frozen fillets 3/</u>													
1970	59.4	61.3	61.6	63.2	63.3	63.8	64.0	65.7	64.6	56.3	66.6	68.5	63.2
1971	69.1	70.9	71.1	72.7	73.5	73.7	73.5	73.3	73.2	73.3	72.2	71.8	72.4
1972	73.4	73.7	72.5	73.1	73.3	73.8	75.2	77.1	78.0	82.1	84.6	85.1	76.8
1973	87.6	90.3	91.8	94.4	96.9	99.6	99.8	100.7	102.6	105.4	107.5	108.4	98.8
1974	115.5	110.4	108.1	109.9	108.5	107.1	108.3	107.3	105.9	106.4	106.5	107.3	108.1
1975	107.9	107.9	106.9	107.7	108.9	110.1	110.7	112.1	116.2	119.6	121.2	121.4	112.6
1976	122.9	125.3	126.9	130.6	134.4	136.2	141.3	147.2	153.9	155.0	156.9	160.8	140.9
1977	160.8	160.8	163.5	166.6	167.8	168.4	168.4	168.4	170.9	172.0	173.6	173.5	168.0

1/ Source: Production and Value of Fisheries at Major New England Ports, weighted average.

2/ Source: Boston Fishery Market News Report, Statistics and Market News Division, average prices for 5-lb pkg of Canadian fillets. Series for cod and ocean perch 1-lb pkg have been converted to 5-lb pkg series to make it consistent with all groundfish prices. Data for the 1-lb pkg series are available upon request.

3/ Source: Estimated Retail Food Prices by City, Bureau of Labor Statistics, average of retail price at 39 cities.

Table A14.--Supplies and utilization of Pacific halibut, 1976-77
(Dressed weight)

Year	Supplies				Utilization	
	Beginning stocks	U.S. landings	Imports	Total	Ending stocks	Apparent consumption
-----Million pounds-----						
1976						
January	8.3	-	0.8	9.1	6.8	2.3
February	6.8	-	.7	7.5	5.6	1.9
March	5.6	-	.8	6.4	4.9	1.5
1st quarter	8.3	-	2.3	10.6	4.9	5.7
April	4.9	0.2	.9	6.0	4.2	1.8
May	4.2	2.7	.8	7.7	4.4	3.3
June	4.4	4.1	1.2	9.7	6.7	3.0
2d quarter	4.9	7.0	2.9	14.8	6.7	8.1
July	6.7	3.8	2.0	12.5	9.8	2.7
August	9.8	3.0	1.8	14.6	13.6	1.0
September	13.6	.6	.7	14.9	14.0	.9
3d quarter	6.7	7.4	4.5	18.6	14.0	4.6
October	14.0	.2	.8	15.0	12.9	2.1
November	12.9	1/	.5	13.4	11.9	1.5
December	11.9	-	.6	12.5	9.5	3.0
4th quarter	14.0	.2	1.9	16.1	9.5	6.6
Year	8.3	14.6	11.6	34.5	9.5	25.0
1977						
January	9.5	-	.5	10.0	9.1	.9
February	9.1	-	.3	9.4	7.1	2.3
March	7.1	-	1.0	8.1	4.6	3.5
1st quarter	9.5	-	1.8	11.3	4.6	6.7
April	4.6	.1	.5	5.2	4.2	1.0
May	4.2	4.4	.9	9.5	3.1	6.4
June	3.1	3.5	1.1	7.7	6.4	1.3
2d quarter	4.6	8.0	2.5	15.1	6.4	8.7
July	6.4	2.3	2.3	11.0	9.4	1.6
August	9.4	1.5	.6	11.5	10.5	1.0
September	10.5	.9	.6	12.0	10.4	1.6
3d quarter	6.4	4.7	3.5	14.6	10.4	4.2
October	10.4	.2	.3	10.9	10.2	.7
November	10.2	1/	.5	10.7	9.2	1.5
December	9.2	-	.4	9.6	7.6	2.0
4th quarter	10.2	.2	1.2	11.8	7.6	4.2
Year	9.5	12.9	9.0	31.4	7.6	23.8

1/ Less than 50,000 pounds.

Note: Figures may not add to total because of rounding. Data are preliminary.

Table A15.--Exvessel, wholesale, and retail prices of Pacific halibut, monthly, 1970-77

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
-----Cents per pound-----													
<u>Exvessel price, Seattle 1/</u>													
1970	-	-	-	43.4	40.1	43.0	44.4	39.8	34.9	32.5	35.6	-	39.2
1971	-	-	-	34.9	33.1	35.8	36.2	36.7	39.4	41.6	-	-	36.8
1972	-	-	-	60.3	58.1	65.7	70.5	73.7	79.9	-	-	-	68.0
1973	-	-	-	-	-	79.0	84.5	86.6	-	-	-	-	83.4
1974	-	-	-	-	75.0	79.0	79.0	79.6	80.5	-	-	-	78.6
1975	-	-	-	-	90.0	91.3	94.8	102.7	108.5	-	-	-	97.5
1976	-	-	-	-	na	na	na	na	na	na	-	-	na
1977	-	-	-	-	na	na	na	na	na	na	-	-	na
<u>Exvessel price, Prince Rupert 1/</u>													
1970	-	-	-	-	39.4	42.6	42.5	38.9	35.6	31.7	-	-	38.5
1971	-	-	-	-	33.6	32.7	34.0	37.4	37.8	-	-	-	35.1
1972	-	-	-	-	59.8	66.6	72.5	76.3	78.5	-	-	-	70.7
1973	-	-	-	-	-	73.4	78.2	81.4	86.0	-	-	-	79.8
1974	-	-	-	-	-	67.8	71.0	77.3	78.6	-	-	-	73.7
1975	-	-	-	-	75.0	81.0	93.0	na	111.7	-	-	-	83.8
1976	-	-	-	-	134.0	134.9	127.1	125.2	123.7	-	-	-	130.4
1977	-	-	-	-	na	123.5	136.2	137.2	139.5	-	-	-	131.4
<u>Wholesale price 2/</u>													
1970	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.0	57.3	56.7	55.3	54.9	56.9
1971	54.2	54.2	55.0	53.0	53.0	53.0	53.1	53.1	53.1	53.5	55.0	58.5	54.1
1972	62.0	62.1	67.6	72.0	76.8	77.0	85.0	90.1	92.2	95.0	95.0	95.0	80.8
1973	91.8	91.7	90.4	88.0	97.1	99.6	99.6	105.0	105.0	105.0	102.5	102.5	98.0
1974	102.5	102.5	103.0	105.0	99.8	95.8	98.3	98.3	105.0	105.0	105.0	105.0	102.1
1975	105.7	107.1	108.3	115.0	115.0	120.0	120.0	127.0	145.5	149.0	150.0	150.0	126.0
1976	150.0	150.0	150.0	150.0	150.0	165.0	165.0	170.0	173.0	173.0	170.0	170.0	161.4
1977	170.0	170.0	170.0	170.0	170.6	172.9	173.5	175.0	175.0	180.0	180.0	180.0	173.9
<u>Retail price 3/</u>													
1970	106.0	102.5	101.9	111.8	116.0	112.8	110.0	108.0	112.8	108.3	106.6	106.6	108.4
1971	106.5	107.8	107.9	107.8	111.5	110.0	110.0	104.0	107.1	112.8	108.9	109.7	108.7
1972	115.1	124.0	124.0	126.5	135.6	137.0	139.0	158.0	160.3	162.0	164.0	167.8	142.8
1973	174.2	169.3	170.7	174.0	172.3	174.0	174.0	177.8	181.8	184.0	192.0	192.0	178.0
1974	194.5	202.0	200.3	206.0	193.3	197.0	192.0	209.0	208.0	209.0	211.5	210.7	202.8
1975	202.8	209.1	204.0	205.3	208.1	225.5	229.4	231.0	254.0	280.0	284.0	284.0	234.8
1976	290.3	289.0	299.6	305.5	302.8	319.0	299.0	299.0	295.0	317.0	310.2	324.0	304.2
1977	325.3	339.0	355.0	351.8	349.0	338.0	322.9	341.0	345.3	329.0	329.0	323.0	337.4

1/ Weighted average price for medium size.

2/ Dressed form, frozen, at New York City, Fishery Market News Report, National Marine Fisheries Service, New York.

3/ Steak form, frozen, at New York City, Consumer and Market Information, State of New York.

na - Not available.

Table A16.--U.S. wholesale prices of canned salmon, monthly, 1970-77 1/

Species/ Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
-----Dollars per case-----													
<u>Red (sockeye), 48/1-lb cans</u>													
1970	45.25	45.44	45.50	45.50	45.50	45.50	42.90	40.00	40.00	40.00	41.13	41.50	43.19
1971	41.50	41.50	41.50	41.50	41.50	41.50	43.00	44.50	2/	2/	46.00	46.00	42.85
1972	47.00	47.00	47.00	47.50	47.50	47.50	47.50	56.00	56.00	56.50	56.50	56.50	51.08
1973	56.50	56.50	56.50	57.25	58.00	58.00	58.00	3/	112.00	110.40	110.00	110.00	76.74
1974	111.00	111.00	111.00	111.00	111.00	111.00	111.00	110.60	108.75	108.00	108.00	93.33	109.31
1975	92.75	89.00	89.00	83.50	83.50	83.50	83.50	82.00	77.50	77.88	77.88	78.00	83.14
1976	80.60	82.75	83.00	83.00	83.00	83.00	83.00	83.00	83.00	82.20	82.75	84.00	82.78
1977	84.75	85.50	87.50	87.50	87.50	87.50	88.10	89.00	91.50	93.00	92.50	92.00	88.82
<u>Red (sockeye), 48/1/2 -1b cans</u>													
1970	27.25	27.06	27.00	27.00	27.00	27.00	26.85	26.63	26.75	26.75	27.50	27.75	27.04
1971	27.75	27.75	28.00	28.25	28.25	28.25	27.35	27.25	2/	2/	29.00	29.00	28.08
1972	31.00	30.00	29.10	30.50	30.13	30.00	30.00	34.00	34.50	34.50	34.50	34.50	31.89
1973	34.50	34.50	34.50	35.25	36.00	36.00	36.00	3/	54.50	55.00	55.00	57.00	42.57
1974	57.00	57.00	57.00	57.00	57.00	57.00	57.00	56.90	55.63	52.50	52.50	48.50	55.42
1975	44.38	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	42.50	46.90	48.00	43.48
1976	53.00	55.00	54.63	53.50	53.50	53.50	55.10	56.25	56.13	55.00	55.00	55.00	54.63
1977	55.00	55.00	57.00	56.80	56.50	57.50	57.50	58.00	58.50	59.00	59.00	59.00	57.45
<u>Pink, 48/1-lb cans</u>													
1970	31.60	31.25	32.50	35.50	32.50	32.50	32.50	32.50	33.50	33.50	33.50	33.50	32.65
1971	33.50	34.50	34.50	34.50	34.50	34.50	34.80	35.83	2/	2/	36.00	36.00	34.86
1972	36.00	37.00	37.00	37.38	37.50	37.50	37.75	41.25	44.50	44.50	47.75	45.00	40.01
1973	45.25	45.50	45.50	46.25	47.00	47.00	47.00	3/	65.75	67.10	68.00	70.40	54.25
1974	71.00	71.00	71.00	71.00	71.00	71.00	71.00	71.00	71.00	71.00	71.00	70.67	70.97
1975	70.00	70.00	70.00	70.00	70.00	70.00	70.00	69.75	69.00	69.00	69.00	69.00	69.65
1976	69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	68.50	67.40	67.00	67.50	68.53
1977	68.00	68.00	64.00	65.00	66.50	66.50	67.10	68.60	69.00	69.00	67.50	66.00	67.02
<u>Chum, 48/1-lb cans</u>													
1970	28.80	28.25	28.50	28.50	28.50	28.50	28.50	28.50	28.50	28.50	29.50	29.50	28.71
1971	29.50	30.00	30.00	30.13	30.50	30.50	30.50	31.50	2/	2/	31.50	31.50	30.56
1972	32.00	31.00	31.00	31.50	31.50	31.50	31.50	34.75	38.00	38.50	40.00	40.00	34.27
1973	40.00	40.00	40.00	40.25	40.50	40.50	40.50	3/	60.25	62.50	64.00	64.80	48.48
1974	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.40	70.00	65.00	65.00	65.00	65.45
1975	65.00	65.00	63.40	59.00	59.00	59.00	55.00	55.00	57.00	59.00	59.00	59.00	59.63
1976	59.00	59.50	60.00	60.00	60.00	60.00	60.40	61.00	60.25	59.40	59.00	59.00	59.78
1977	59.00	59.00	58.00	58.40	59.00	59.00	59.00	59.00	60.50	61.00	58.75	57.50	58.99

1/ Average of the weekly prices reported by Seattle brokers and canners for top quality stock only.

2/ Prices not reported during the price freeze. Does not include discounts and promotional allowances.

3/ Prices not quoted.

Source: Fishery Market News Report, National Marine Fisheries Service, Seattle, Wash.

Table A17.--Exvessel, wholesale, and retail prices of Maine sardines, monthly, 1970-77

Year	Jan.	Feb.	Mar.	Apr.	May	Jun	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Year average
-----Cents per pound 1/-----													
<u>Exvessel price (Maine)</u>													
1970	-	2.0	-	-	2.0	1.9	2.0	1.8	1.7	1.7	1.4	1.9	1.8
1971	-	-	-	1.1	-	2.4	2.1	2.4	2.5	2.7	2.9	-	2.3
1972	-	-	-	2.9	3.1	3.3	3.1	3.2	3.1	3.1	3.3	3.2	3.1
1973	-	-	-	3.7	3.9	3.0	2.9	2.7	2.8	2.8	3.0	2.9	3.1
1974	3.6	3.3	3.3	3.3	-	3.3	3.6	3.9	3.7	3.8	3.9	3.6	3.6
1975	3.9	3.9	3.9	3.9	3.9	3.4	3.8	3.7	3.7	4.0	3.2	2.8	3.7
1976	4.5	-	-	3.0	3.8	4.5	4.5	4.3	4.3	4.2	4.4	5.0	4.3
1977	-	4.5	4.8	4.5	4.7	4.5	4.9	4.9	4.9	4.9	4.9	-	-
<u>Wholesale price, Maine, 100 - 1/4 lb cans 2/</u>													
-----Dollars per case-----													
1970	12.63	13.50	13.50	13.50	13.50	13.50	13.50	14.25	15.25	15.25	15.25	15.25	14.07
1971	15.25	15.25	15.25	15.25	15.25	15.75	15.75	16.75	16.75	16.75	16.75	16.75	15.96
1972	16.72	16.75	16.75	16.75	16.75	16.75	16.75	17.55	17.30	17.10	17.10	15.75	16.84
1973	16.25	16.25	16.25	16.25	15.30	15.30	15.30	17.25	17.35	17.60	17.60	17.60	16.53
1974	17.60	18.00	18.00	19.35	19.35	19.75	19.75	21.60	21.60	22.50	22.50	22.50	20.21
1975	22.50	22.05	22.05	22.05	22.05	23.05	22.10	23.10	23.10	22.50	22.50	22.50	22.53
1976	22.50	21.60	21.60	21.60	22.10	22.10	22.10	22.10	22.10	23.10	23.10	23.10	22.26
1977	23.10	23.10	23.10	24.00	24.00	24.00	24.00	24.00	25.10	25.10	25.10	27.10	24.31
<u>Retail price, keyless 3/</u>													
-----Cents per can-----													
1970	15.8	15.5	15.5	15.8	15.8	16.0	16.0	16.7	16.9	16.3	16.4	16.9	16.1
1971	19.2	19.8	20.5	20.4	19.1	19.5	18.7	20.5	20.1	20.4	20.4	20.5	19.9
1972	20.5	21.1	20.7	20.7	20.9	21.2	20.9	21.2	21.4	21.6	22.3	22.7	21.3
1973	22.9	22.9	22.9	22.7	23.0	22.9	23.1	23.2	23.4	23.2	24.0	23.9	23.2
1974	25.5	24.5	26.0	25.7	26.4	26.6	27.5	27.7	28.1	29.5	29.7	30.9	27.2
1975	32.2	32.2	32.4	32.6	33.0	31.2	31.7	32.0	31.5	31.9	32.0	33.7	32.2
1976	33.7	33.0	32.7	32.9	33.7	33.8	34.3	34.5	34.3	34.2	34.7	34.8	33.9
1977	34.9	34.8	34.8	34.9	33.4	33.5	31.9	31.9	34.2	34.2	37.7	38.6	34.6
<u>Retail price, key or pull tab 4/</u>													
1970	16.5	16.6	16.6	16.9	17.1	17.3	17.2	17.4	17.8	18.2	18.7	19.0	17.4
1971	19.3	19.6	19.7	19.8	20.0	20.4	20.5	20.8	21.0	21.1	21.2	21.4	20.4
1972	21.6	21.6	21.4	21.6	21.7	21.8	21.9	22.1	22.6	22.7	22.9	25.3	22.1
1973	22.4	22.4	22.6	22.9	23.3	23.7	23.1	23.2	23.5	24.2	25.0	20.3	23.5
1974	25.5	37.6	37.2	37.9	38.9	39.6	40.0	40.4	41.7	43.9	45.1	46.6	39.5
1975	47.1	47.7	48.2	48.6	48.6	49.6	50.8	51.1	51.5	51.6	51.5	51.8	49.8
1976	51.9	52.4	52.1	52.1	52.4	52.4	52.5	52.8	54.1	53.8	53.8	55.0	52.9
1977	54.0	53.7	54.1	54.8	55.1	55.9	56.8	57.3	57.7	58.1	52.8	58.7	55.8

1/ Round weight.

2/ Keyless oil, New York, Bureau of Labor Statistics (BLS).

3/ Price at Baltimore, Md., reported by BLS.

4/ U.S. average price, reported by BLS.

Table A18.--U.S. canned tuna pack, by area, 1976-77

Year	Continental United States	American Samoa, Puerto Rico, and Hawaii	Total
-----Thousand standard cases-----			
<u>1976</u>			
January	534	1,357	1,891
February	416	1,043	1,459
March	2,402	1,443	3,850
April	957	1,374	2,311
May	1,239	1,181	2,420
June	1,969	1,038	3,007
July	1,720	1,342	3,062
August	473	1,275	1,748
September	1,682	1,426	3,108
October	1,115	1,379	2,494
November	1,490	1,127	2,617
December	1,983	1,477	3,460
Total	16,108	15,462	31,570
<u>1977</u>			
January	913	998	1,911
February	845	922	1,767
March	1,388	1,651	3,039
April	1,078	1,118	2,196
May	824	988	1,812
June	1,009	927	1,936
July	926	2,072	2,998
August	1,444	1,332	2,776
September	1,220	1,157	2,377
October	287	1,623	1,910
November	2,387	898	3,285
December	1,649	1,847	3,496
Total	13,970	15,533	29,503

Note: Data are preliminary. Figures may not add to total because of rounding.

Source: Fishery Market News Report, National Marine Fisheries Service,
Terminal Island, Calif.

Table A19.--Exvessel prices of tuna, monthly, 1970-77 1/

Species/ Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
----- Dollars per ton -----													
<u>Albacore</u>													
1970	-	-	-	-	-	-	550	550	550	550	550	550	550
1971	-	-	-	-	-	-	630	630	630	630	630	630	630
1972	-	-	-	-	-	680	680	680	680	680	680	680	680
1973	-	-	-	-	-	-	830	830	830	830	830	830	830
1974	-	-	-	-	-	-	820	820	820	820	820	820	820
1975	-	-	-	-	-	-	675	675	675	675	675	675	675
1976	675	675	675	-	-	910	910	910	920	960	1000	1000	864
1977	1000	1000	1000	1000	-	-	1165	1165	1165	1165	1165	1165	1099
<u>Bluefin</u>													
1970	326	-	-	-	347	349	351	385	360	362	373	-	353
1971	-	-	392	-	400	401	403	403	400	400	400	401	400
1972	-	422	-	-	-	422	422	422	422	422	422	422	422
1973	-	-	-	-	-	457	460	465	462	-	-	-	461
1974	-	-	-	-	-	-	555	555	555	555	555	555	555
1975	-	-	-	-	480	480	480	480	480	480	480	480	480
1976	-	560	560	560	-	576	578	580	586	595	595	580	577
1977	-	-	-	-	765	769	777	800	800	800	800	807	790
<u>Skipjack 2/</u>													
1970	291	296	298	301	308	317	323	327	331	333	338	339	317
1971	362	362	362	366	367	371	372	374	375	376	376	376	370
1972	405	405	405	405	405	405	405	405	405	405	405	405	405
1973	447	447	447	447	447	447	450	455	455	459	459	463	451
1974	3/	545	545	545	545	545	545	545	545	544	540	540	544
1975	-	540	540	503	495	472	450	450	450	450	450	450	471
1976	520	540	541	542	548	552	554	560	568	575	579	575	554
1977	605	620	620	620	704	744	748	748	765	765	770	776	707
<u>Yellowfin 2/</u>													
1970	341	346	348	355	358	366	372	379	381	383	386	391	367
1971	412	412	412	415	417	421	420	420	420	421	421	421	418
1972	442	442	442	442	442	442	442	442	442	442	442	442	442
1973	477	477	477	477	477	477	480	485	485	489	489	493	481
1974	3/	575	575	575	575	575	575	575	575	575	575	575	575
1975	3/	574	573	546	540	520	500	500	500	500	500	500	523
1976	520	580	581	582	588	592	594	600	608	615	619	615	591
1977	639	665	665	665	755	794	803	803	820	820	823	828	757

1/ Midpoints of price ranges received from California canners.

2/ Premium grade.

3/ Insufficient quotations to publish price.

Source: Fishery Market News Report, National Marine Fishery Service, Terminal Island, Calif.

Table A20.--Canned tuna wholesale and retail prices, monthly, 1970-77

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
----- Dollars per case 1/ -----													
Wholesale - Advertised brands 2/ White solid (No. 1/2 - 7 oz 48's)													
1970	19.35	19.35	19.55	19.85	19.85	19.95	20.35	20.51	22.35	22.35	22.35	22.35	20.68
1971	22.35	22.35	22.55	22.85	22.85	22.85	21.50	21.50	21.50	21.50	21.50	21.50	22.07
1972	21.50	22.28	22.70	22.74	22.74	22.75	23.50	23.31	23.50	24.89	25.35	25.35	23.39
1973	23.00	24.75	26.00	26.00	26.00	26.00	26.00	26.00	26.38	27.50	26.75	27.50	25.89
1974	27.50	28.63	29.00	29.00	29.00	29.00	29.94	30.17	30.17	30.18	30.18	30.85	29.47
1975	30.14	30.00	27.75	27.75	27.75	27.40	27.10	27.29	27.35	27.35	28.83	29.00	28.14
1976	29.00	30.25	30.50	30.50	32.63	33.50	35.00	35.00	36.50	37.00	37.00	39.00	33.82
1977	39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.75	40.50	40.50	41.62	42.00	39.74
Light chunk (No. 1/2 - 6-1/2 oz 48's)													
1970	16.35	16.35	16.49	16.70	16.70	16.80	17.20	17.20	17.20	17.70	17.70	17.70	17.01
1971	18.20	18.70	18.70	18.65	18.70	18.70	18.70	18.70	18.70	18.70	18.70	18.70	18.61
1972	18.70	18.90	19.20	19.20	19.20	19.20	19.39	19.70	19.70	19.89	19.95	19.95	19.42
1973	19.95	19.95	19.95	20.70	20.90	21.14	21.20	21.20	19.68	20.95	21.33	21.89	20.74
1974	22.55	23.83	24.20	24.20	24.20	24.20	24.20	24.20	24.20	24.80	25.20	25.20	24.25
1975	25.45	26.20	25.20	25.20	25.20	25.20	25.20	23.70	23.70	23.70	24.70	24.70	24.85
1976	24.70	26.33	26.70	26.70	27.08	27.45	28.20	28.20	28.80	29.00	29.00	29.25	27.62
1977	29.50	29.50	29.50	29.50	30.38	33.00	33.00	33.00	33.00	33.00	33.75	34.00	31.75
Wholesale - Private label 2/ White solid (No. 1/2 - 7 oz 48's)													
1970	16.75	16.75	16.49	16.70	16.70	16.80	17.20	17.20	17.20	17.70	17.70	17.70	18.20
1971	20.25	20.25	20.25	20.25	20.25	20.25	20.25	20.25	20.25	20.25	20.25	20.25	20.25
1972	20.25	20.75	21.50	21.50	21.50	21.50	21.50	21.50	21.50	22.25	22.63	22.75	21.59
1973	22.75	23.00	23.00	23.50	24.05	24.28	24.20	24.20	25.04	27.25	26.88	28.00	24.68
1974	28.00	28.38	28.50	28.50	28.50	28.50	28.50	28.50	28.50	28.50	28.50	28.50	28.45
1975	28.50	*	*	*	*	*	25.00	25.00	25.00	25.00	27.67	28.00	26.31
1976	28.00	29.00	29.00	29.00	29.75	30.88	33.70	33.50	34.50	35.50	37.50	37.50	32.32
1977	37.50	37.50	37.50	37.50	37.50	37.50	37.50	38.62	39.00	39.00	39.00	39.00	38.09
Light chunk (No. 1/2 - 6-1/2 oz 48's)													
1970	12.88	12.88	12.98	13.00	13.00	13.20	14.00	14.13	14.50	15.00	15.00	15.00	13.79
1971	15.06	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.46
1972	15.50	15.60	16.25	16.25	16.25	16.25	16.81	17.00	17.00	17.19	17.25	17.25	16.57
1973	17.25	17.25	17.25	18.25	18.60	18.75	18.75	18.75	18.81	19.25	19.50	19.50	18.49
1974	19.50	20.81	21.25	21.75	21.75	21.75	21.75	21.75	21.75	22.05	22.25	22.25	21.55
1975	21.88	22.25	22.25	21.50	21.25	21.00	20.75	22.25	20.75	20.75	20.63	20.63	21.37
1976	20.63	20.88	21.25	21.25	21.25	21.50	22.25	22.25	22.25	22.25	22.50	22.50	21.73
1977	22.50	22.50	22.88	26.60	28.00	29.00	29.50	29.50	29.50	29.50	29.50	29.30	27.41
Retail 3/ Light chunk 6-1/2 oz cans													
----- Cents per can -----													
1970	37.6	39.8	38.3	38.7	39.2	39.4	39.4	35.7	40.7	41.7	42.2	42.7	39.4
1971	43.3	43.6	43.0	44.3	44.2	44.4	44.2	44.2	44.3	44.1	43.9	44.1	44.0
1972	44.1	44.7	45.2	45.6	45.8	45.9	45.7	45.3	45.6	46.0	46.1	46.4	45.5
1973	46.5	45.7	46.9	47.6	48.3	49.6	51.0	49.6	50.0	50.6	51.6	52.5	49.2
1974	53.7	55.1	56.0	57.3	57.8	58.2	58.7	58.5	58.6	58.5	59.8	60.1	57.7
1975	61.0	61.4	61.5	60.8	60.7	59.5	59.0	59.3	60.0	59.7	60.1	61.1	60.3
1976	62.1	62.5	62.6	62.9	63.5	63.8	63.7	64.4	64.8	64.8	66.2	66.3	64.0
1977	66.6	68.3	67.5	68.6	70.2	71.8	74.0	75.0	74.9	76.1	73.6	77.7	72.0

1/ Quotes do not include trade or promotional allowances.

2/ Reported by San Diego brokers and cannery representatives, f.o.b. canner's terminal.

3/ U.S. average retail price reported by BLS.

* No - quotes.

Source: Wholesale; Fishery Market News Report, National Marine Fisheries Service, Terminal Island, Calif.
Retail; Estimated Retail Food Prices by City. Bureau of Labor Statistics.

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Landings and exvessel prices for New Bedford and Boston, Mass., and the Fulton Market in New York, announced from 10:30 a.m. to 3:00 p.m., Monday through Friday. Wholesale prices at Baltimore, Md., and New York Fulton Market announced 3:30 p.m. until 10:00 a.m. the following day, Monday through Thursday. Friday only, weekly summary of landings in the Hampton Roads area.

New York, N.Y. 212-620-3577
Landings and exvessel prices at New York City; Boston, Gloucester, and New Bedford, Mass. announced 10:15 a.m. to 3:00 p.m. Wholesale prices for sales at New York Fulton Market announced 3:15 p.m. to 10:00 a.m. the following day.

New York, N.Y. 212-620-3244
Frozen seafood wholesale selling prices.

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*The full-service report is issued Monday, Wednesday, and Friday including the weekly summary.

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